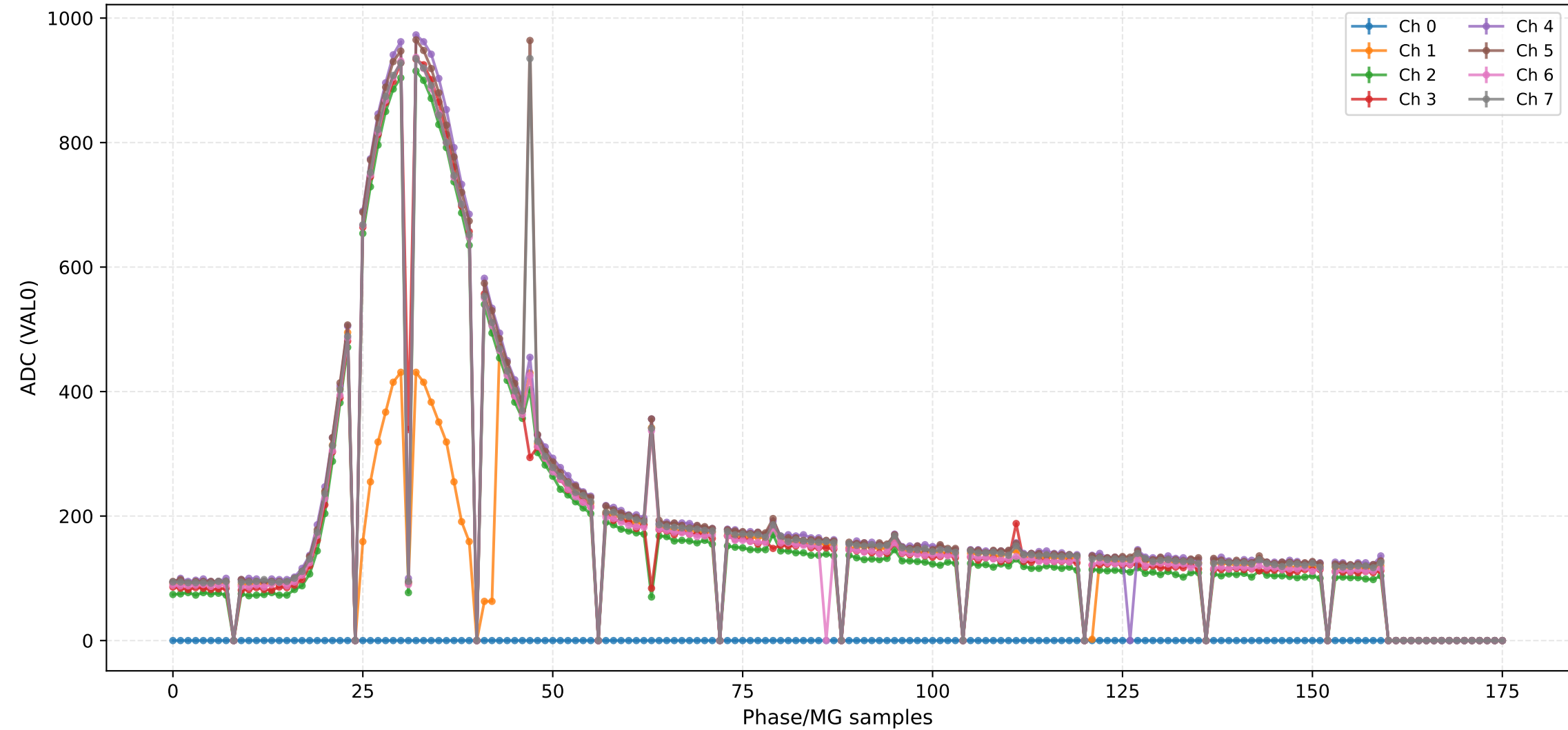
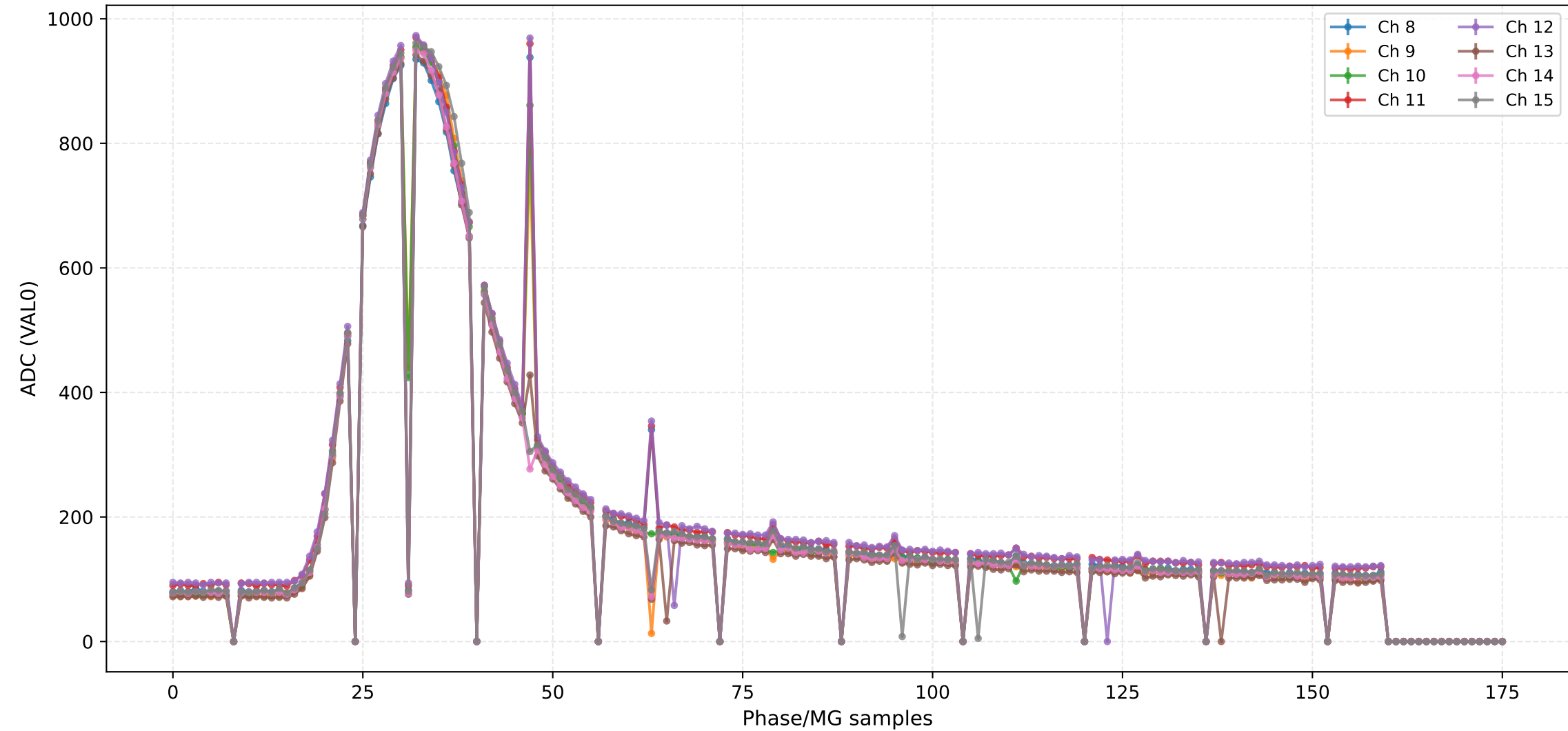


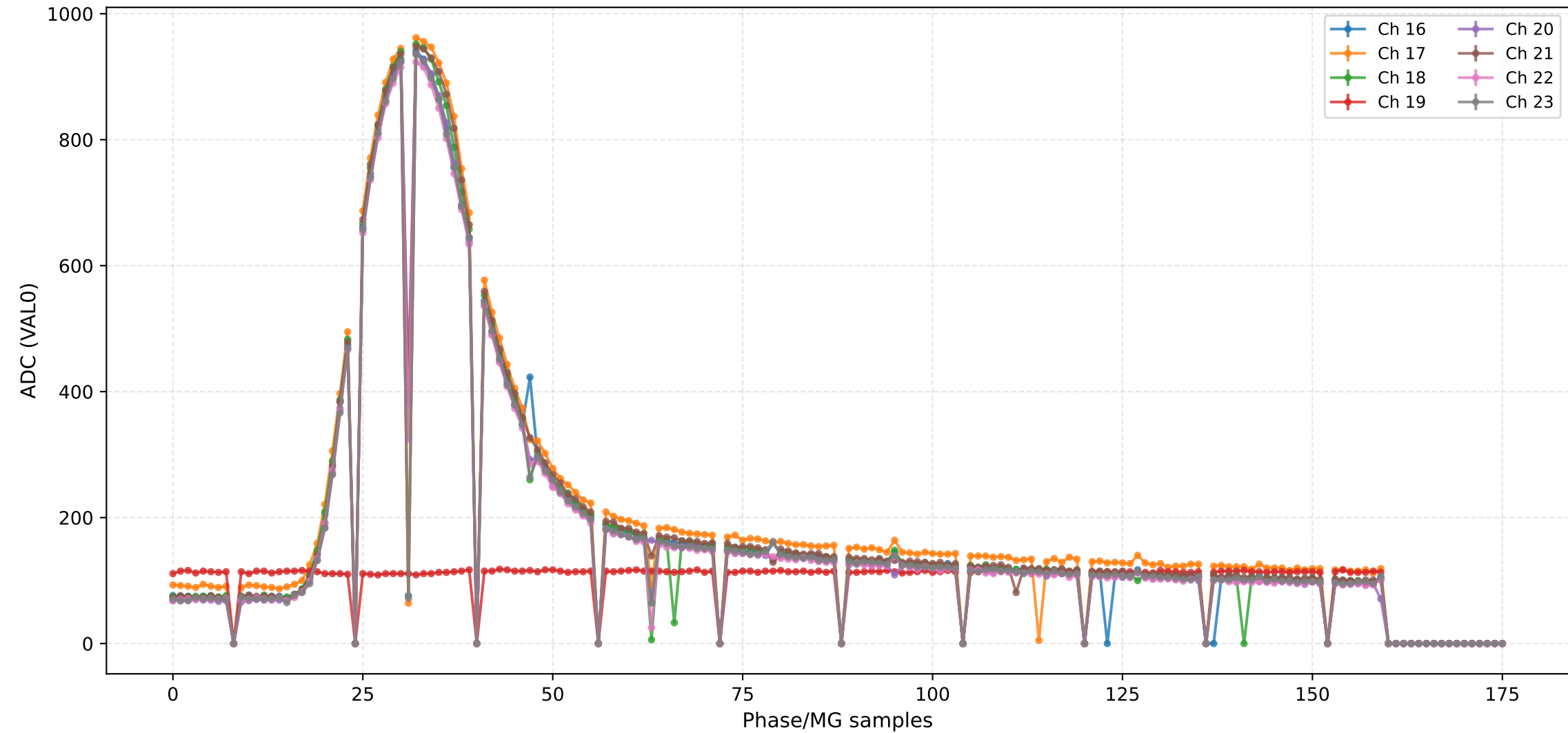
ADC (VAL0) - Channels 0 to 7



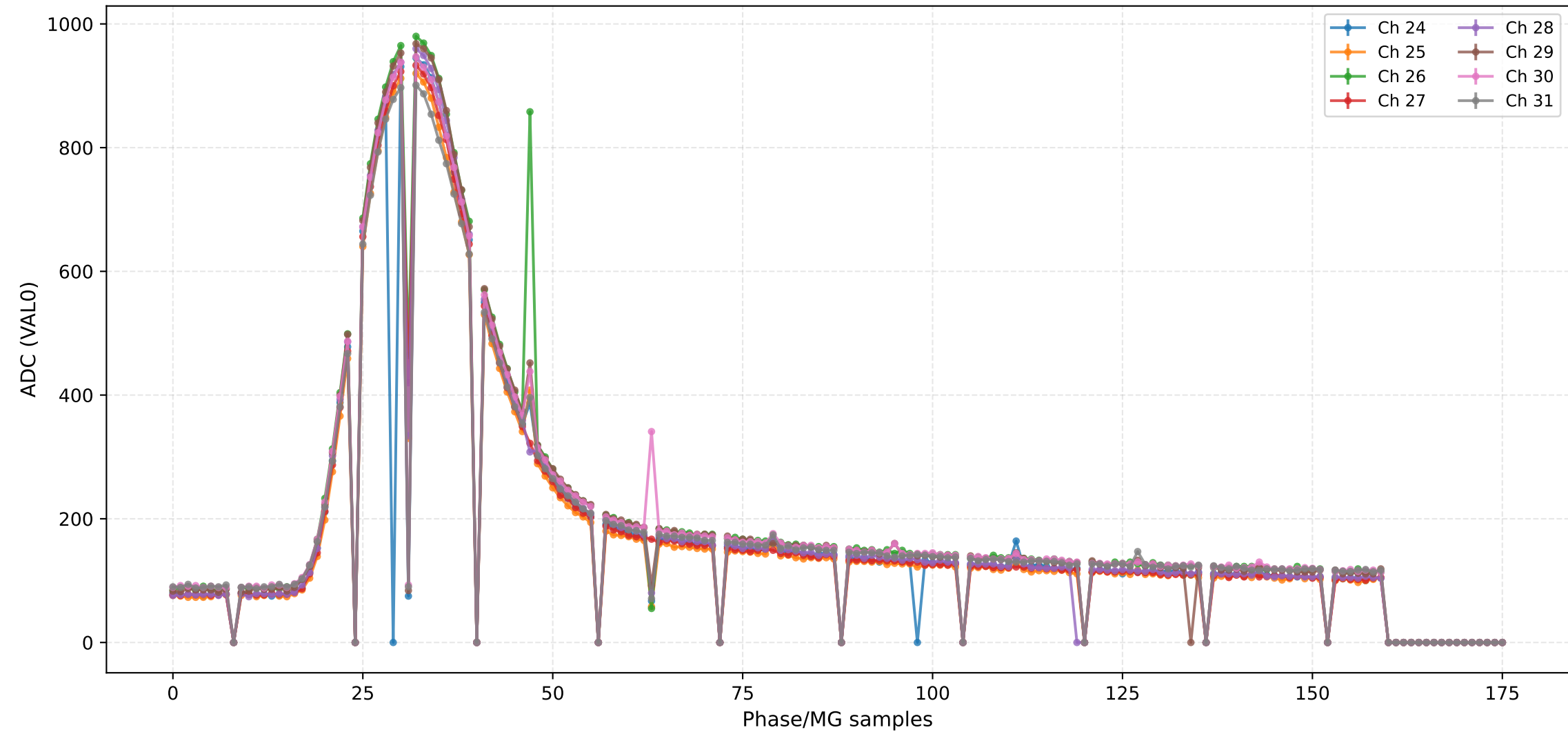
### ADC (VAL0) - Channels 8 to 15



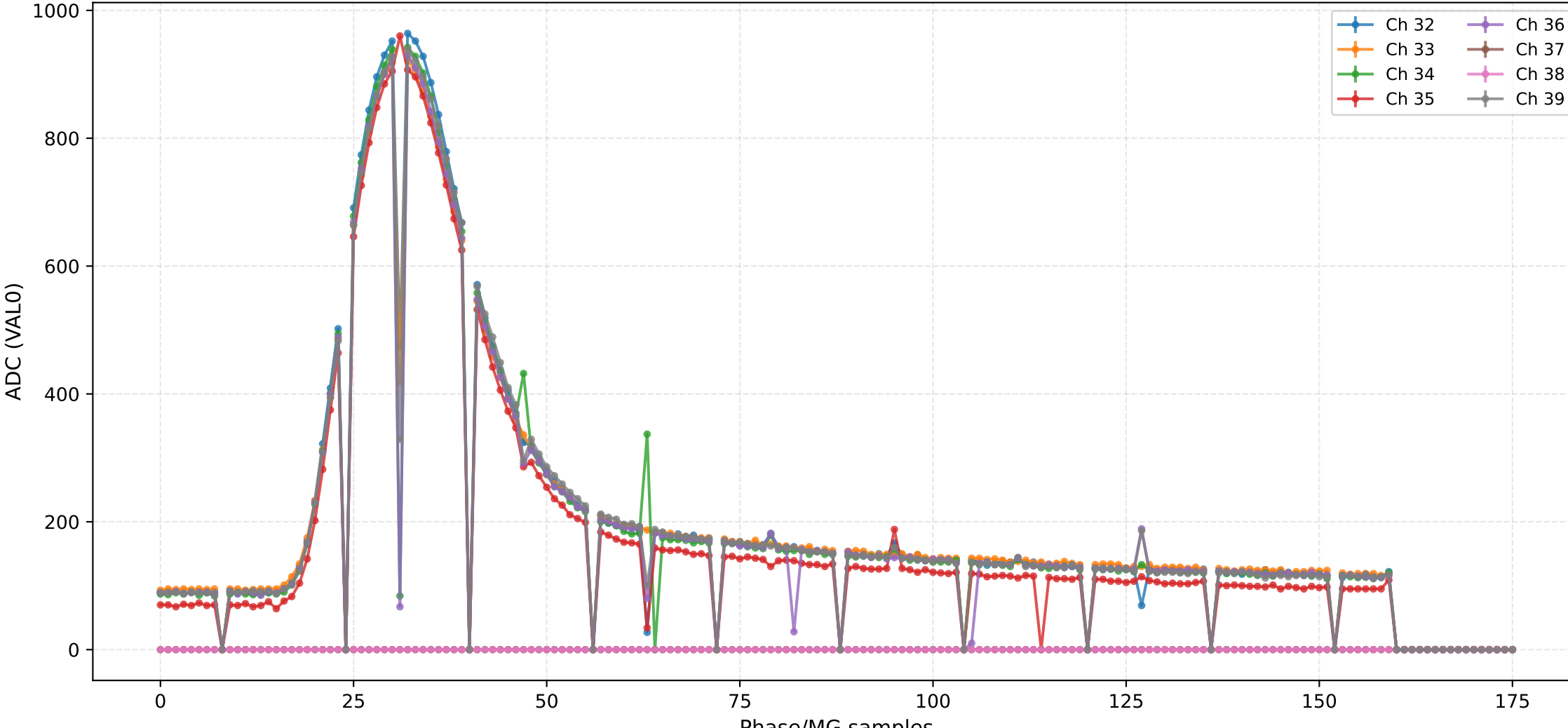
## ADC (VAL0) - Channels 16 to 23



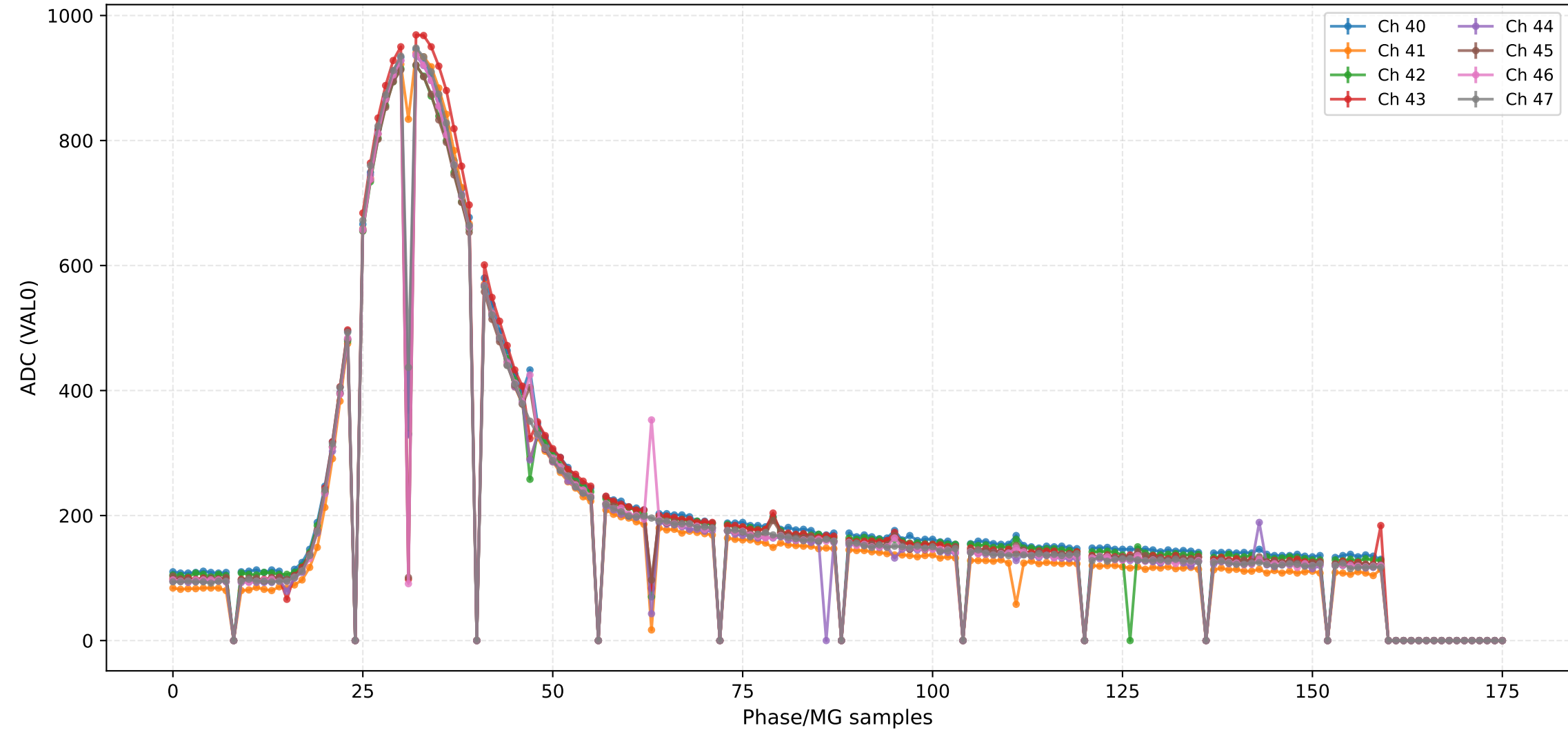
## ADC (VAL0) - Channels 24 to 31



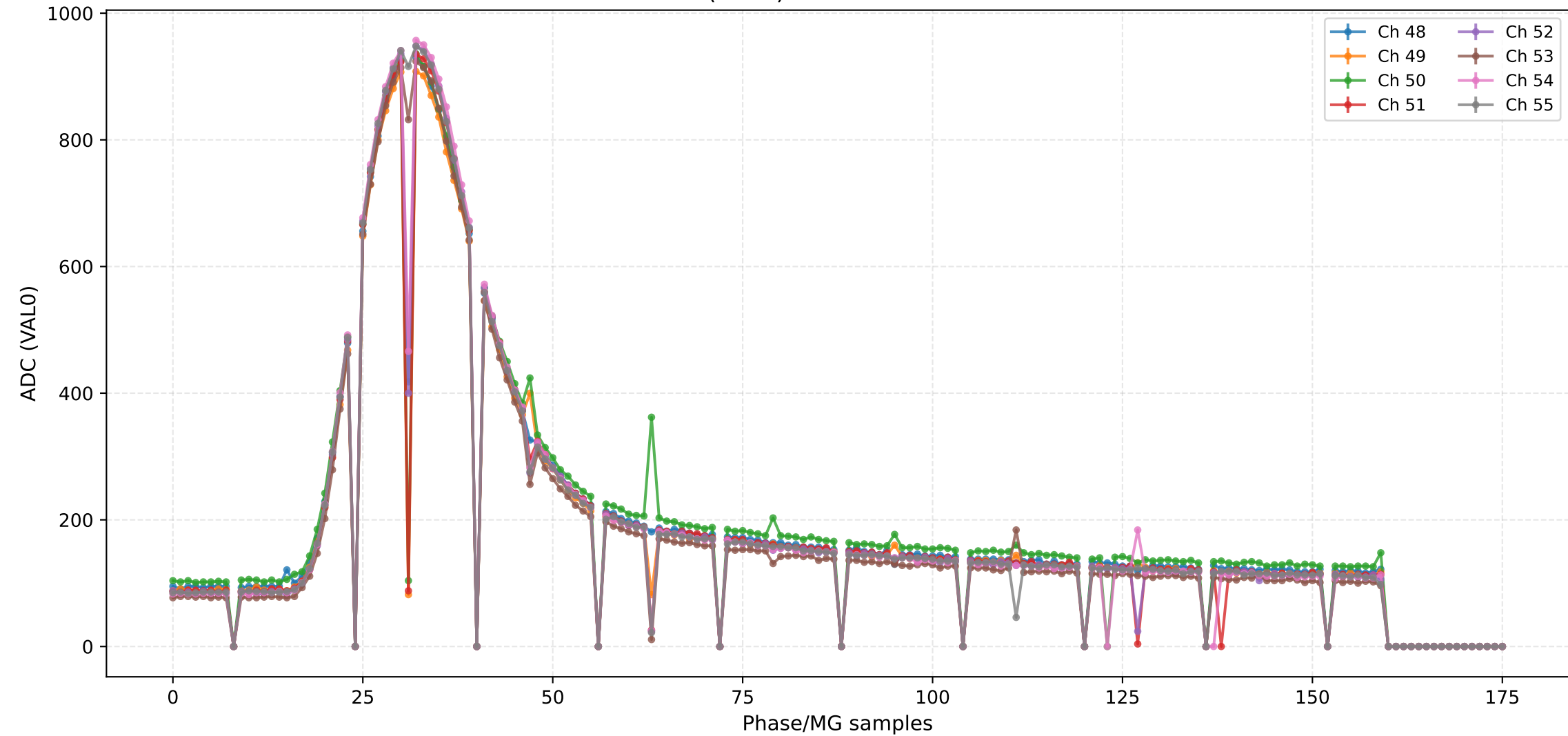
## ADC (VAL0) - Channels 32 to 39



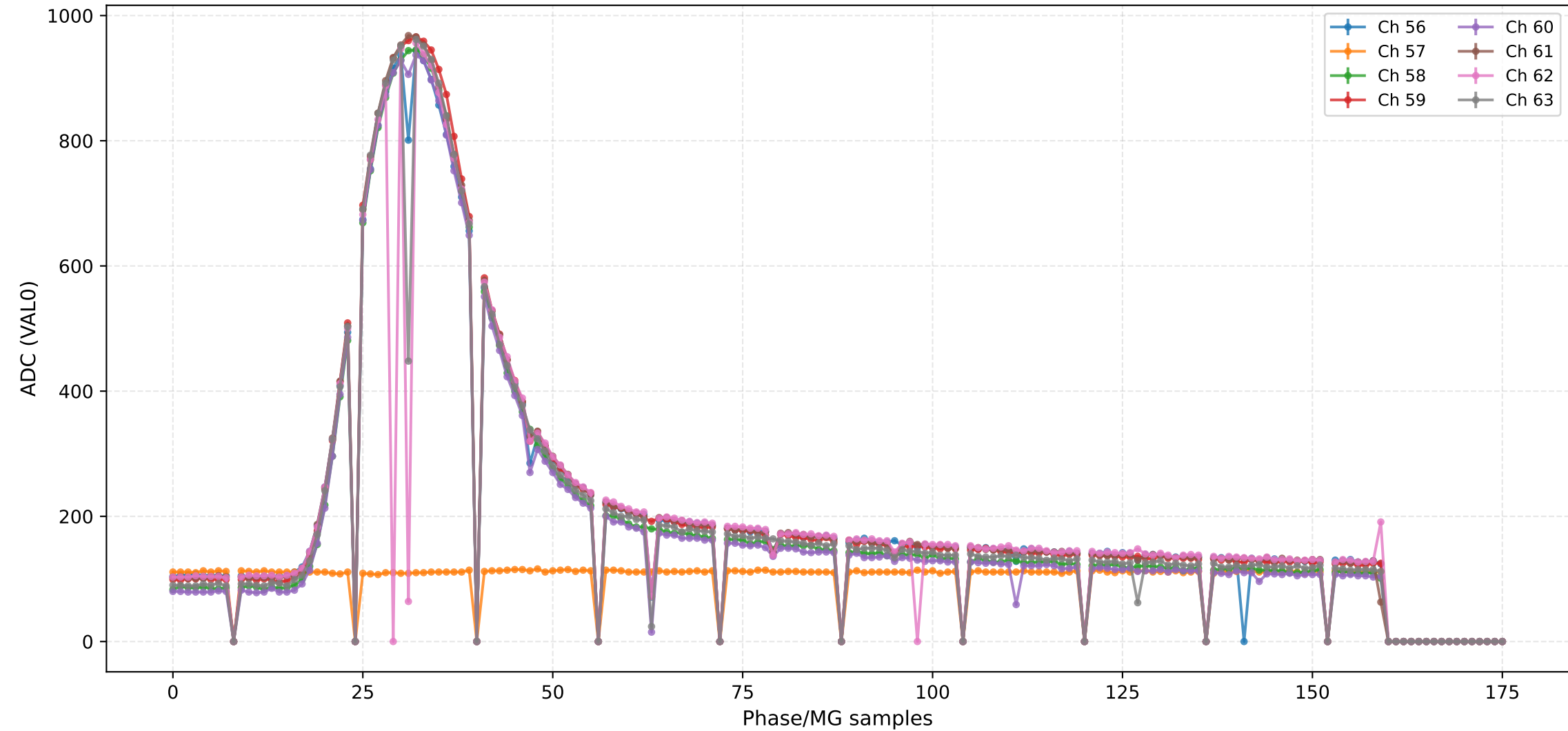
## ADC (VAL0) - Channels 40 to 47



## ADC (VAL0) - Channels 48 to 55

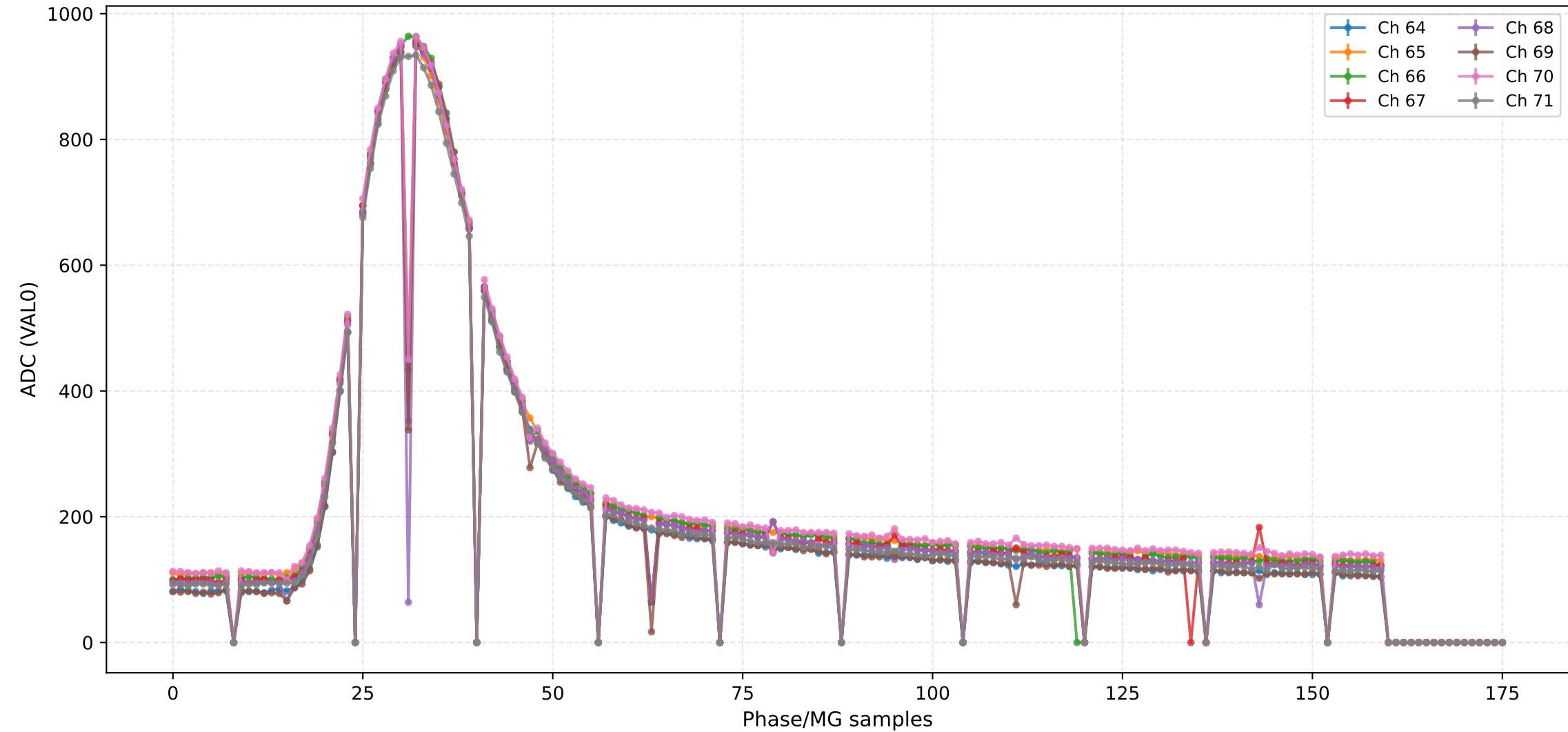


ADC (VAL0) - Channels 56 to 63

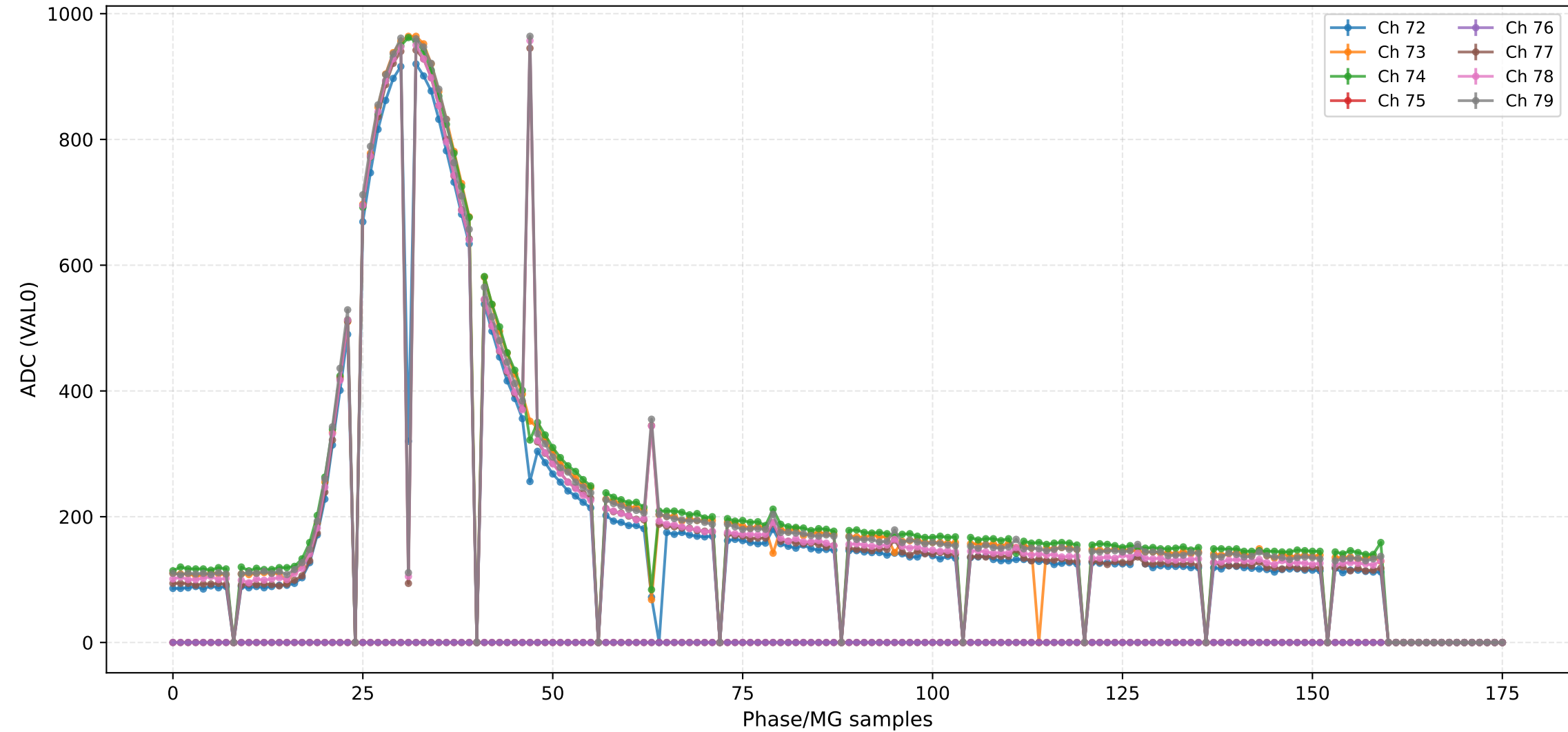




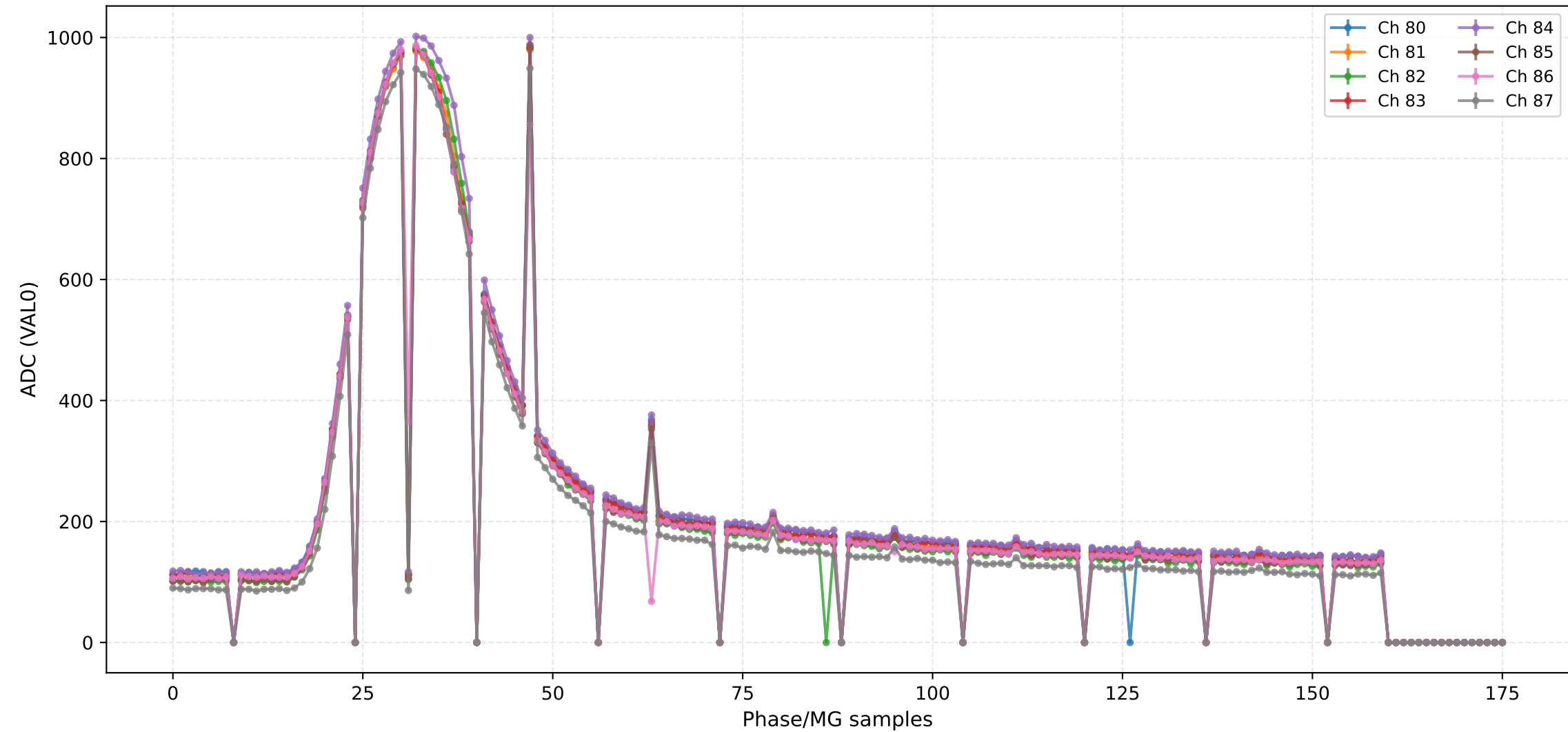
### ADC (VAL0) - Channels 64 to 71



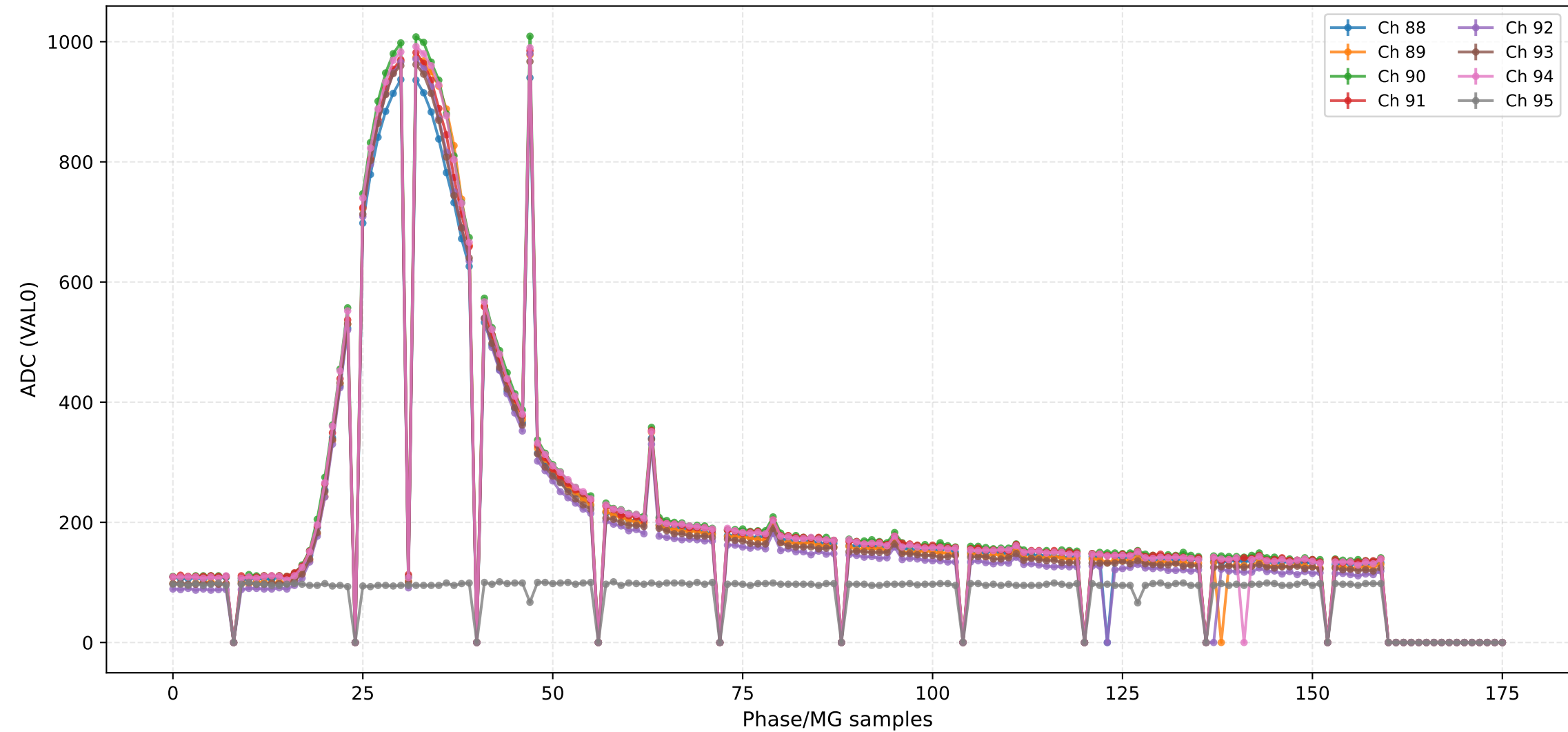
## ADC (VAL0) - Channels 72 to 79



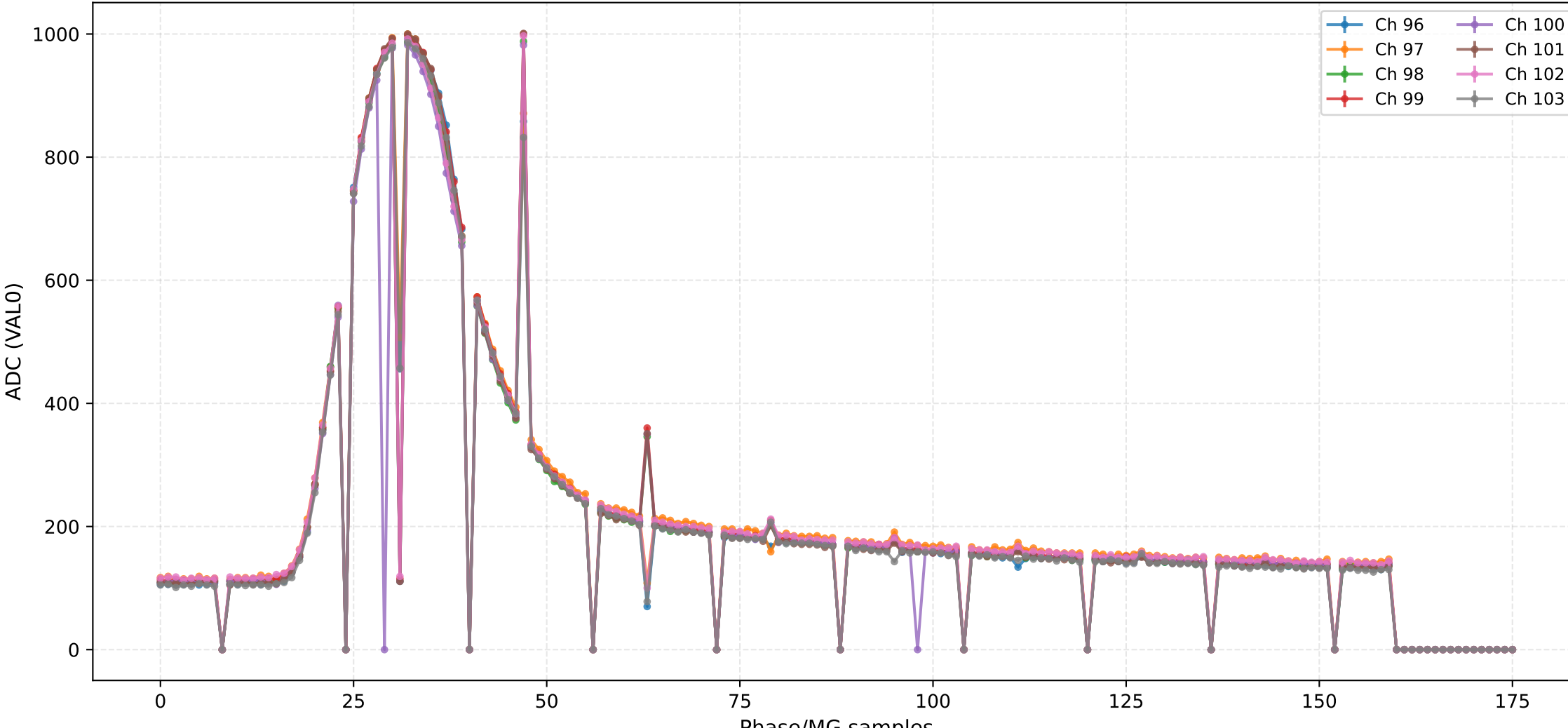
## ADC (VAL0) - Channels 80 to 87



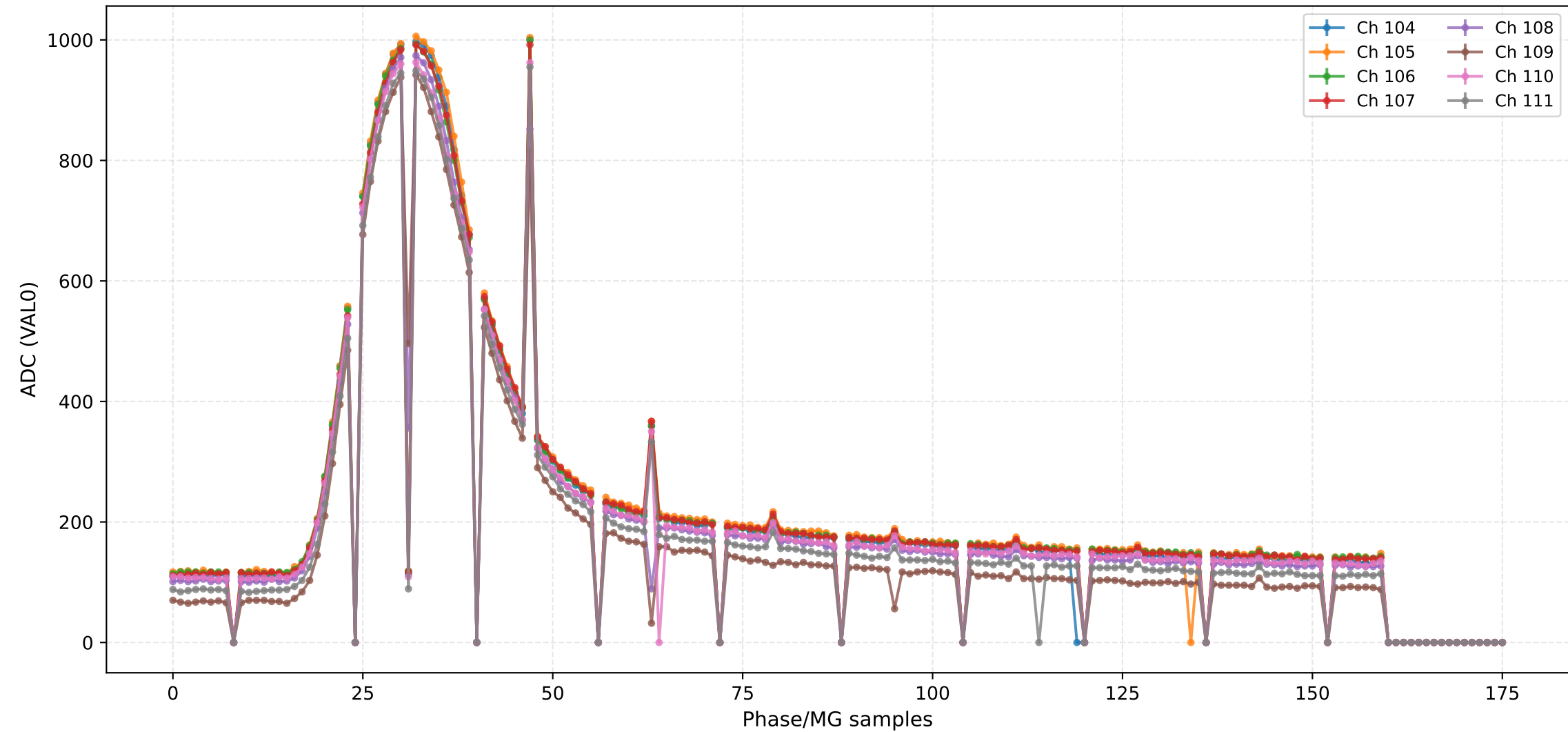
ADC (VAL0) - Channels 88 to 95



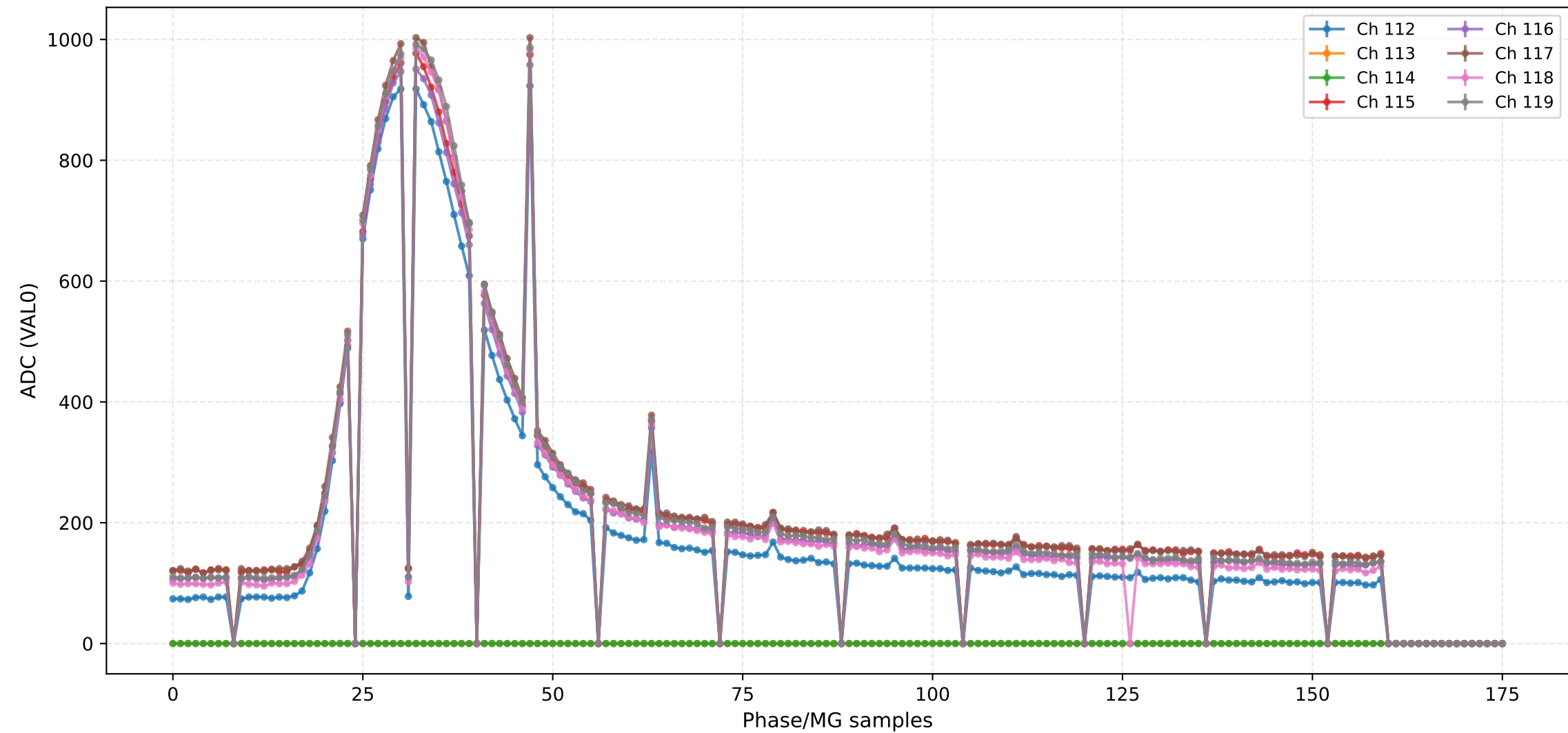
## ADC (VAL0) - Channels 96 to 103



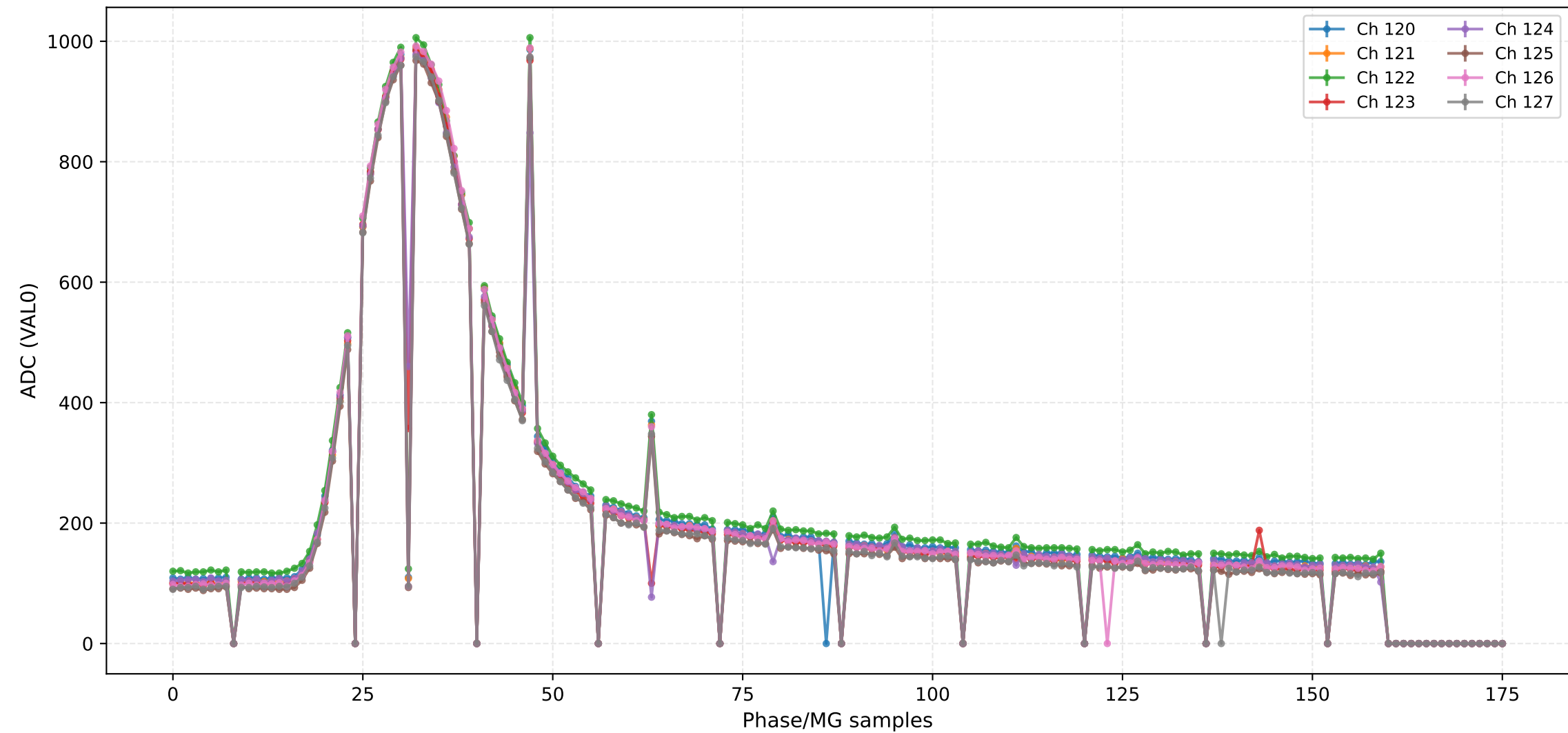
## ADC (VAL0) - Channels 104 to 111



## ADC (VAL0) - Channels 112 to 119

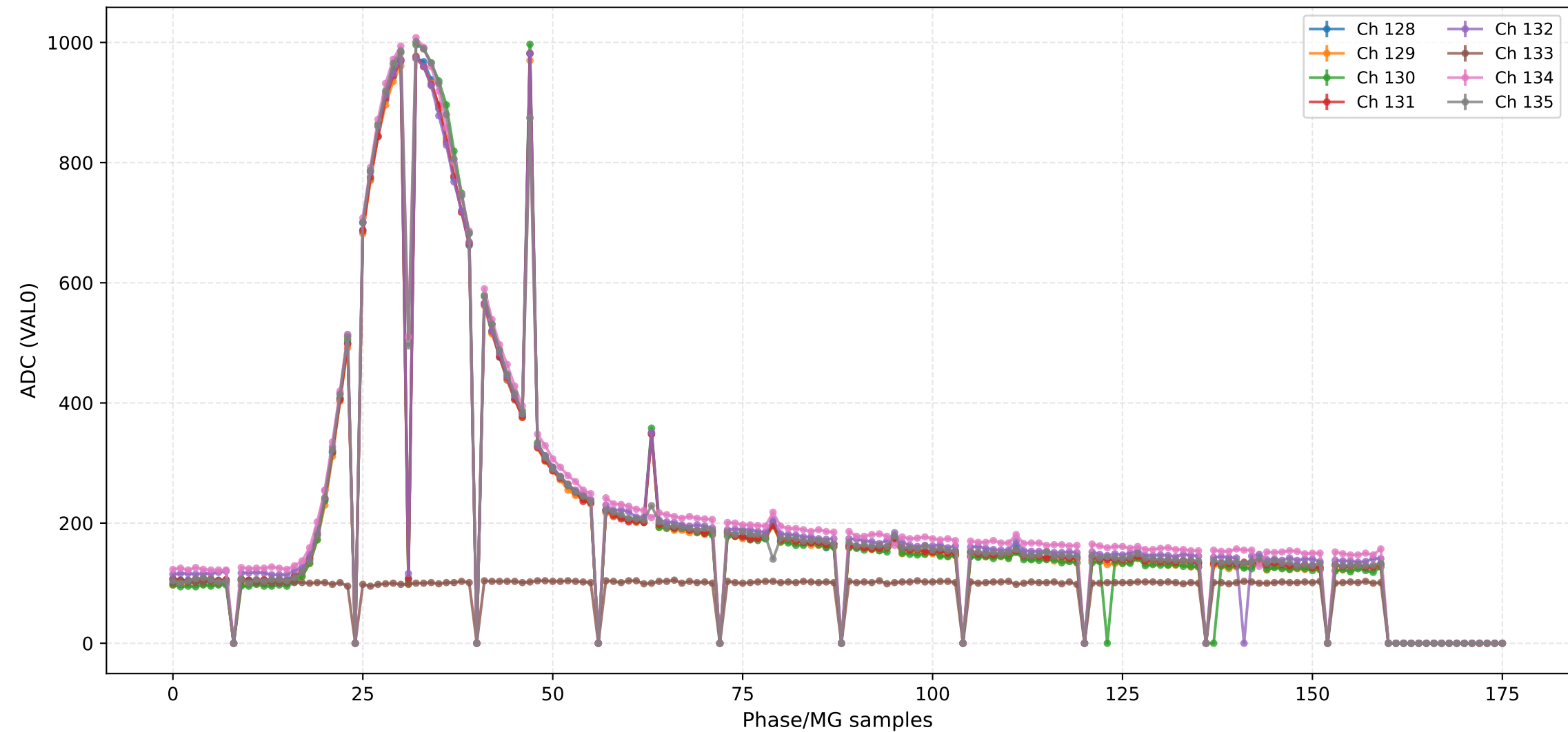


## ADC (VAL0) - Channels 120 to 127

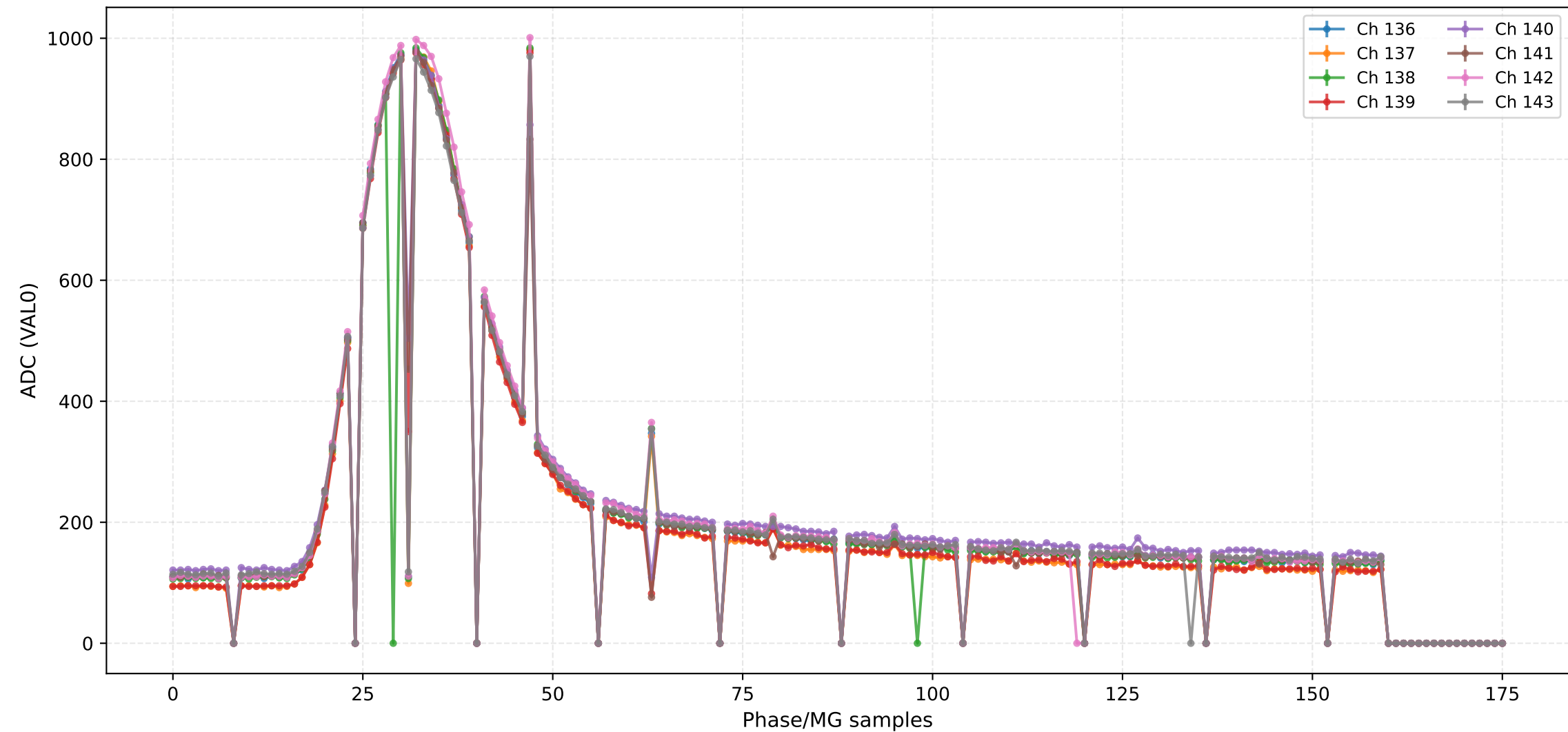




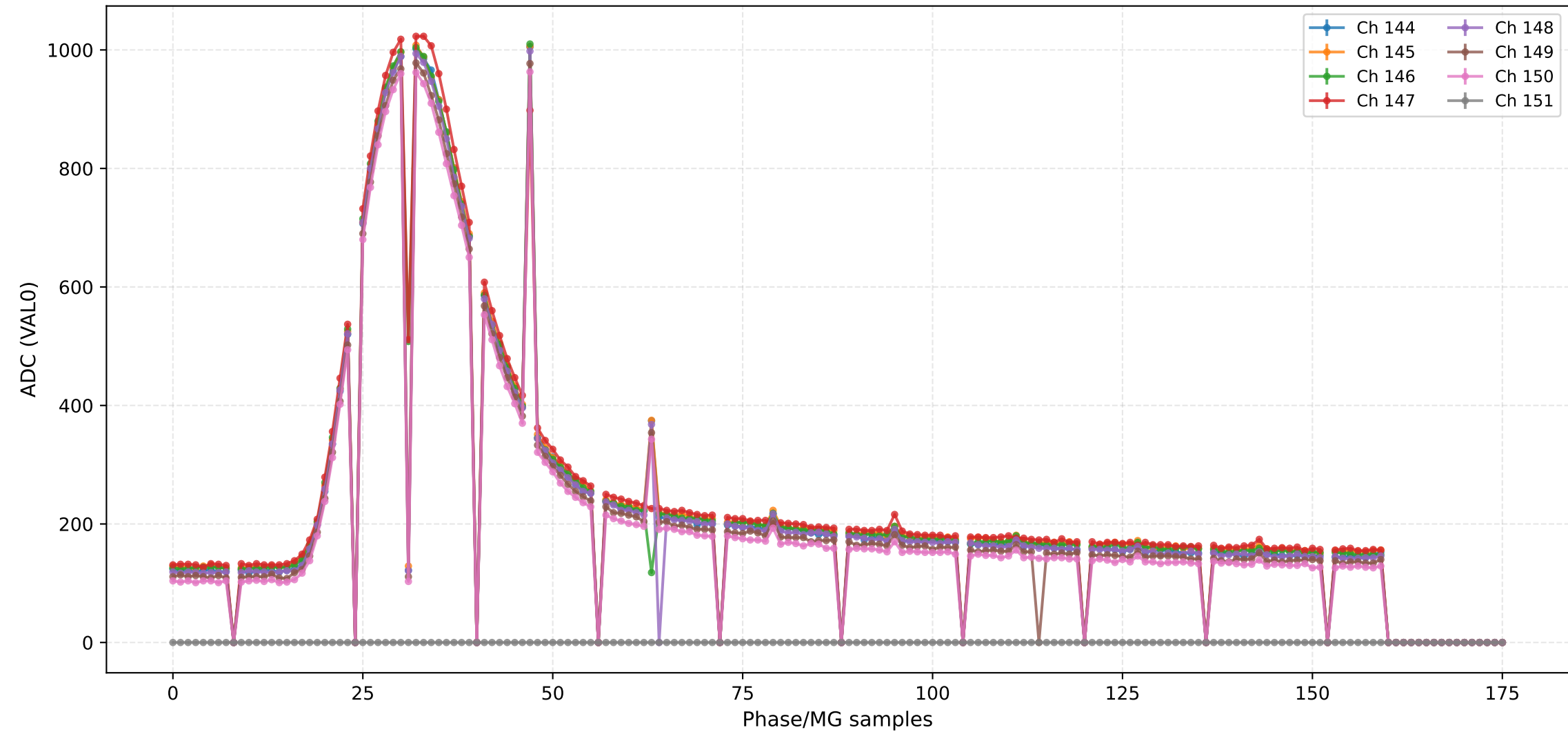
### ADC (VAL0) - Channels 128 to 135



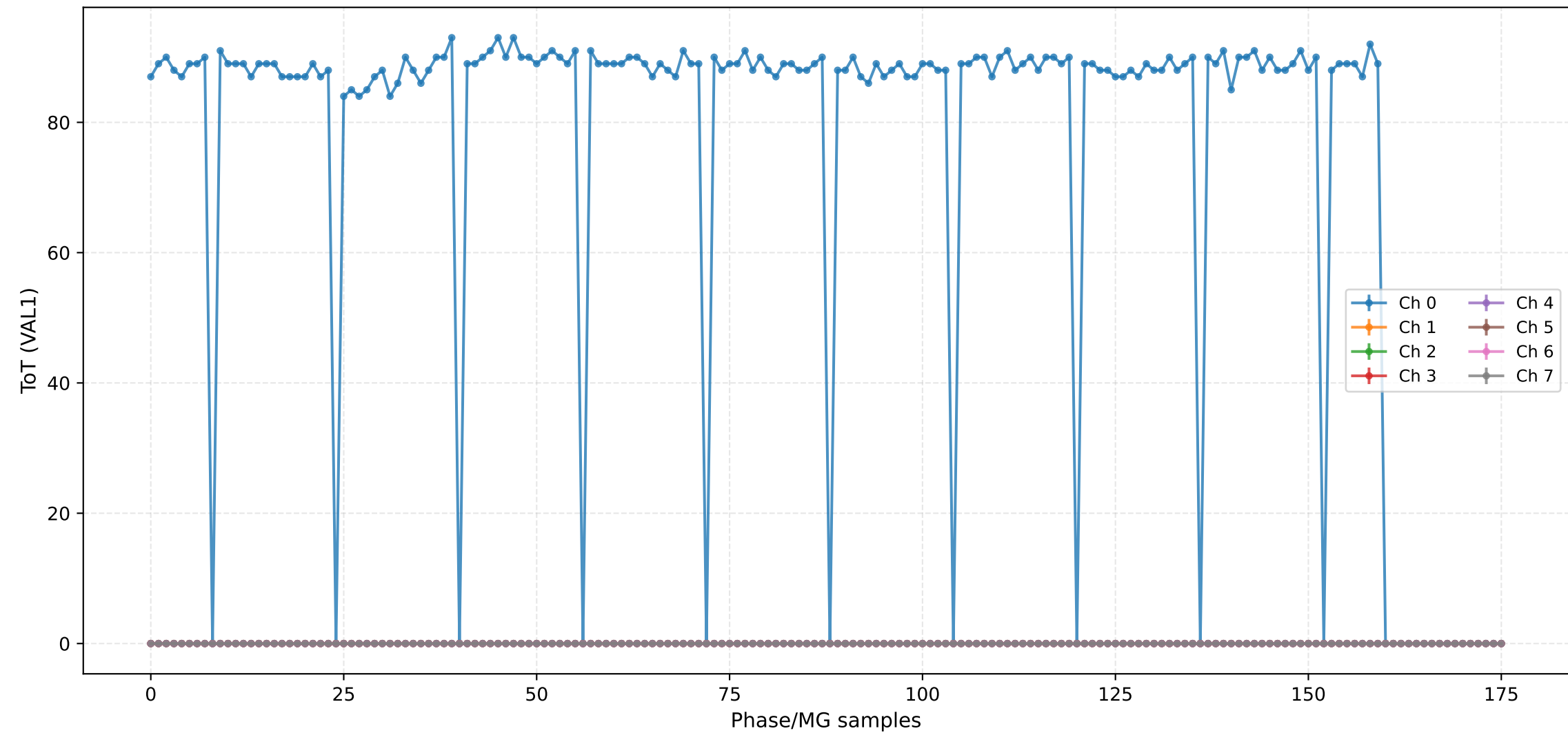
### ADC (VAL0) - Channels 136 to 143



### ADC (VAL0) - Channels 144 to 151



ToT (VAL1) - Channels 0 to 7



## ToT (VAL1) - Channels 8 to 15



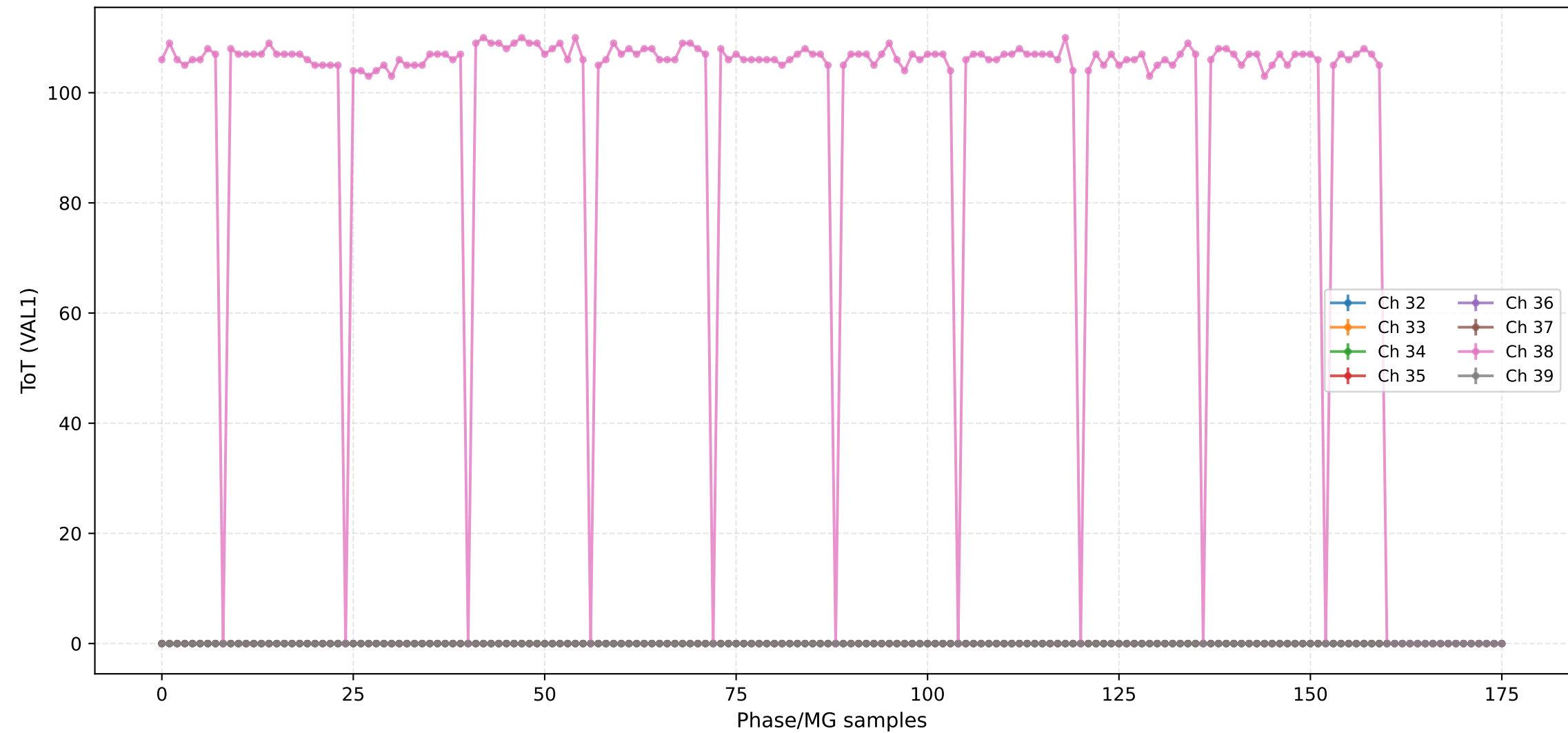
### ToT (VAL1) - Channels 16 to 23



ToT (VAL1) - Channels 24 to 31

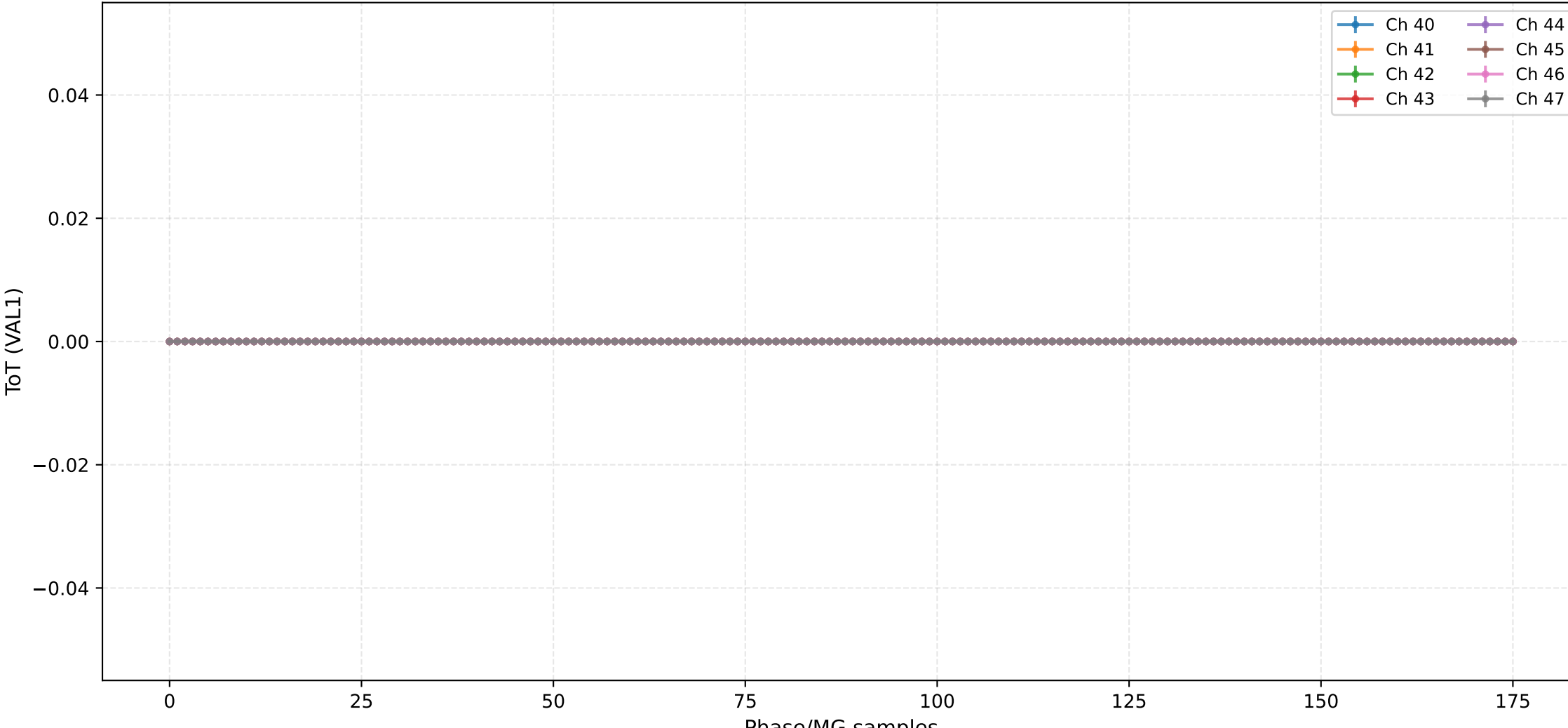


ToT (VAL1) - Channels 32 to 39





## ToT (VAL1) - Channels 40 to 47



## ToT (VAL1) - Channels 48 to 55



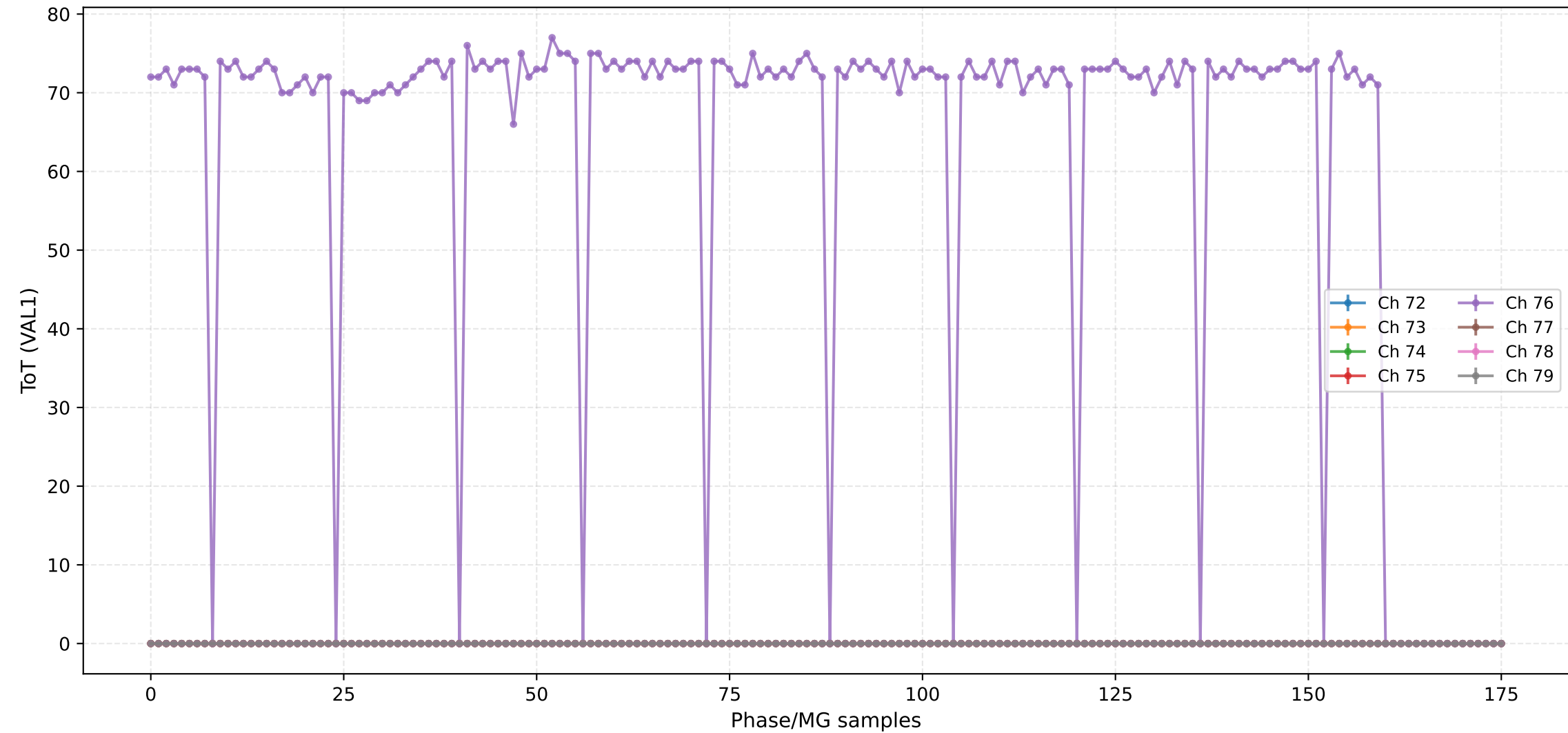
## ToT (VAL1) - Channels 56 to 63



## ToT (VAL1) - Channels 64 to 71



ToT (VAL1) - Channels 72 to 79



## ToT (VAL1) - Channels 80 to 87



ToT (VAL1) - Channels 88 to 95



ToT (VAL1) - Channels 96 to 103

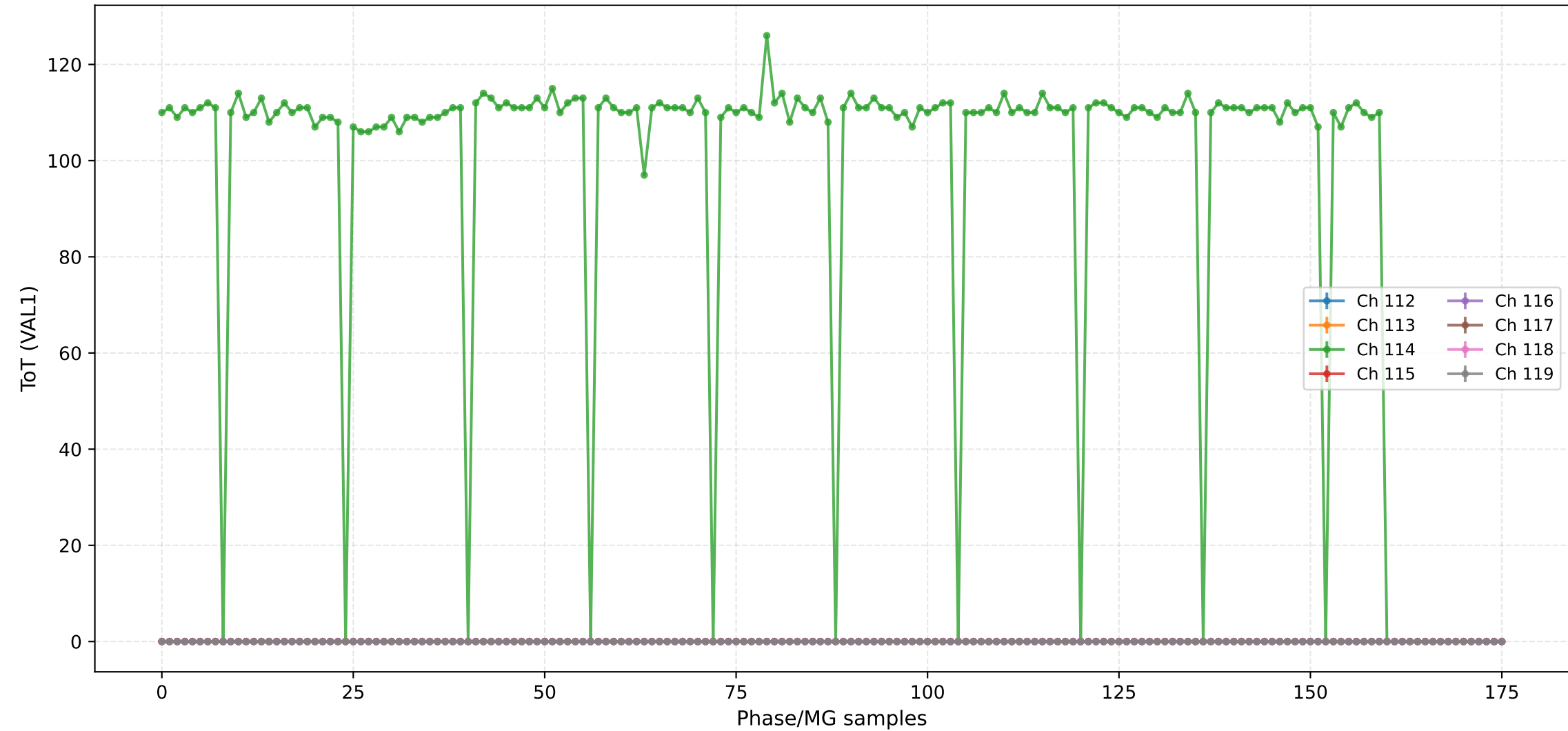




## ToT (VAL1) - Channels 104 to 111



ToT (VAL1) - Channels 112 to 119



### ToT (VAL1) - Channels 120 to 127



ToT (VAL1) - Channels 128 to 135



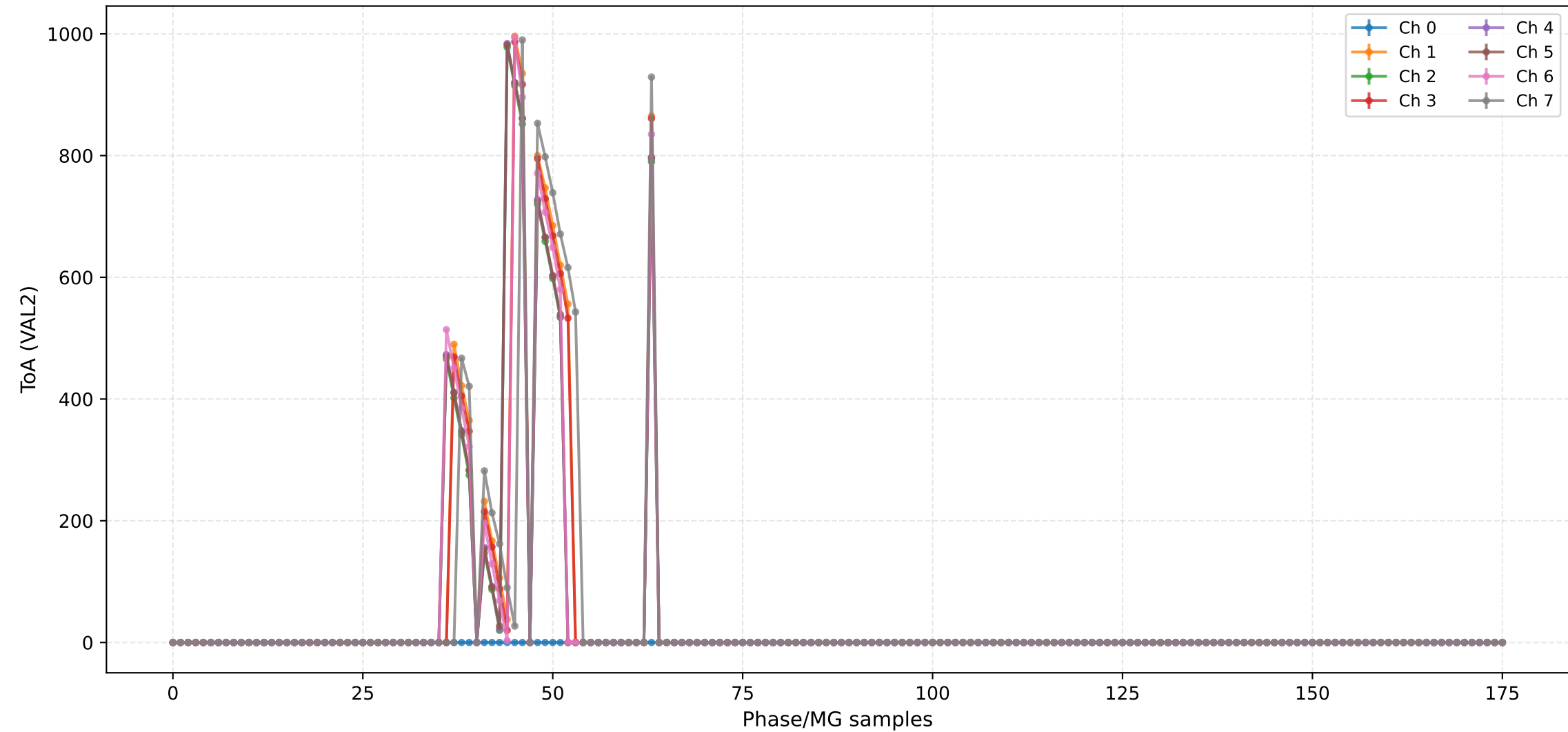
## ToT (VAL1) - Channels 136 to 143



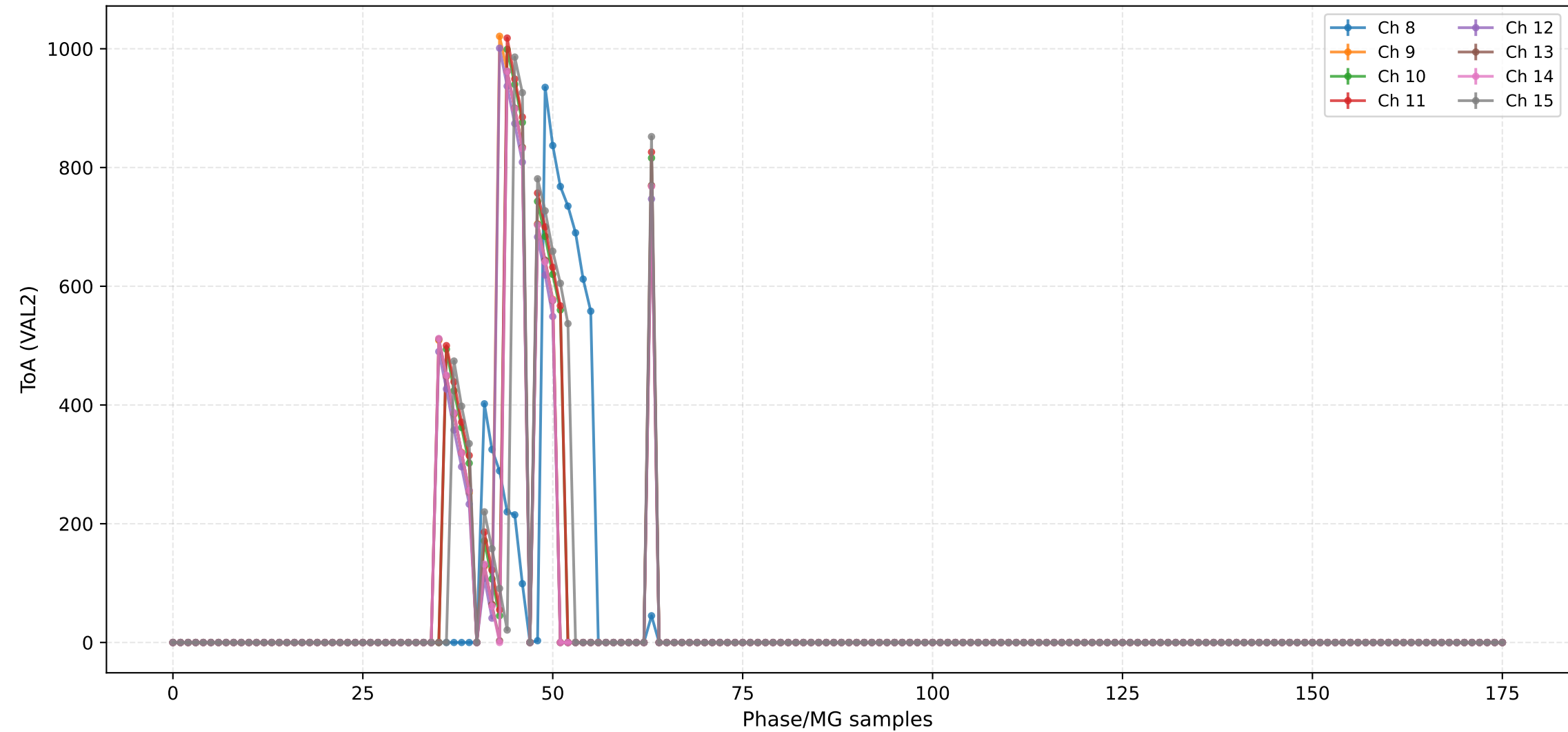
## ToT (VAL1) - Channels 144 to 151



ToA (VAL2) - Channels 0 to 7

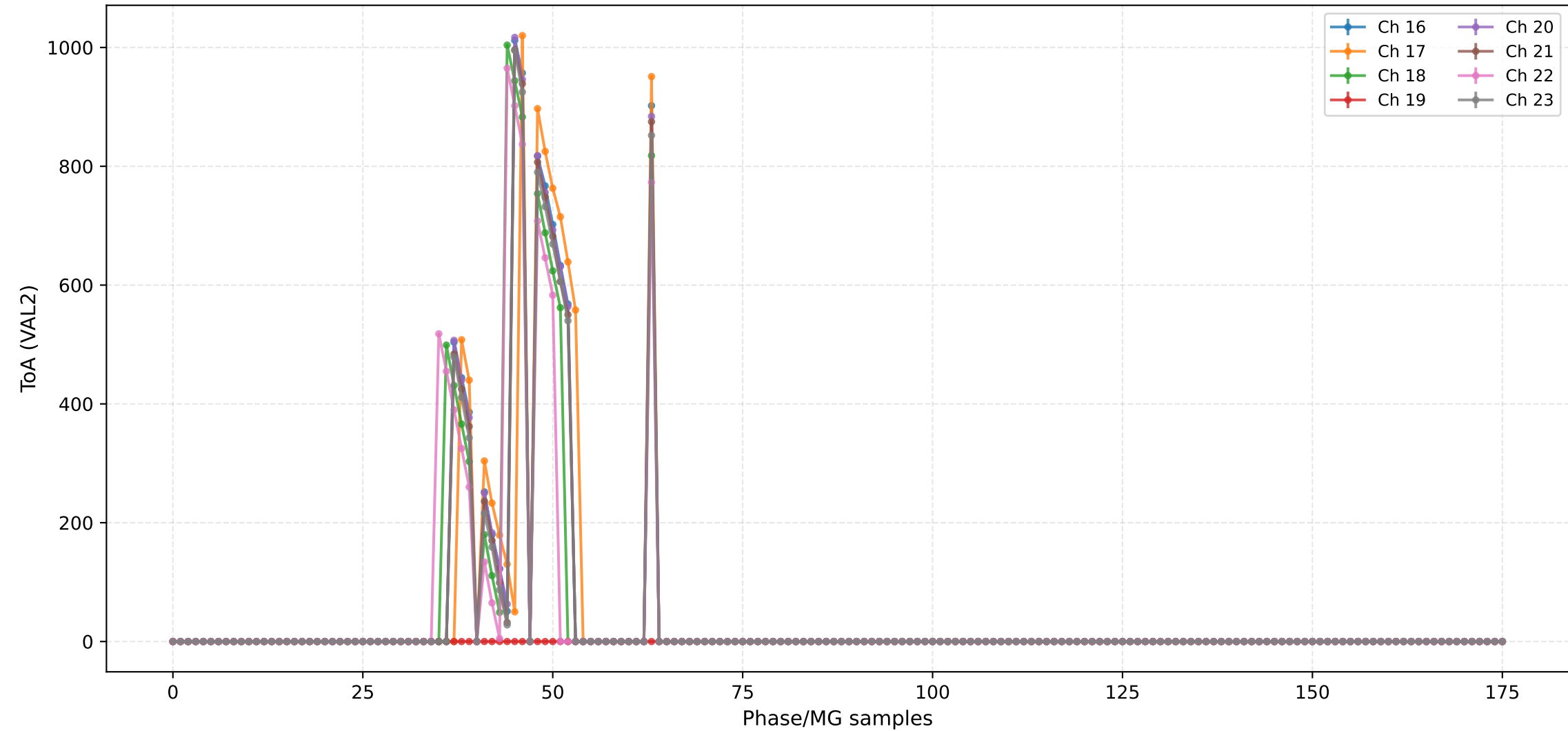


ToA (VAL2) - Channels 8 to 15



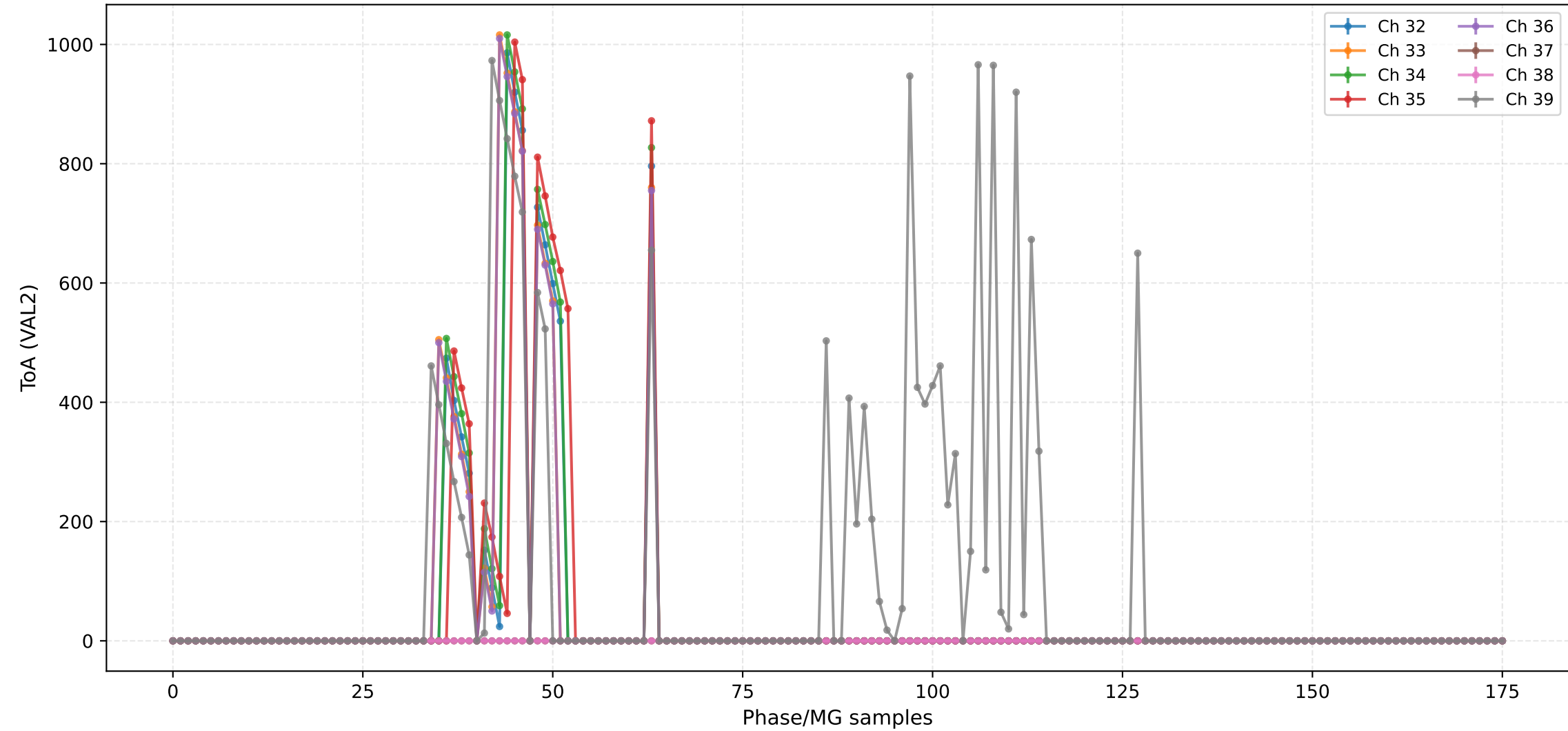


## ToA (VAL2) - Channels 16 to 23

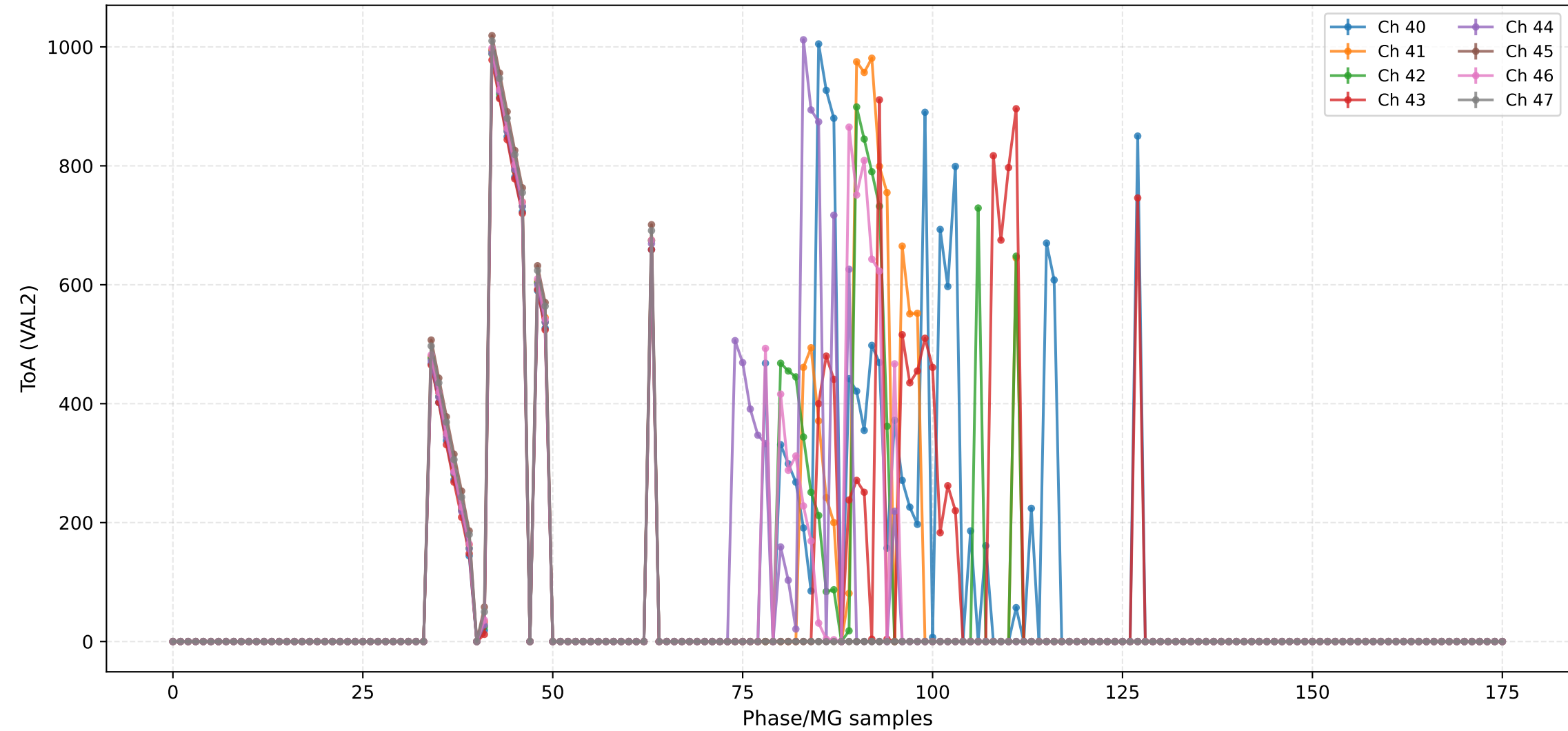




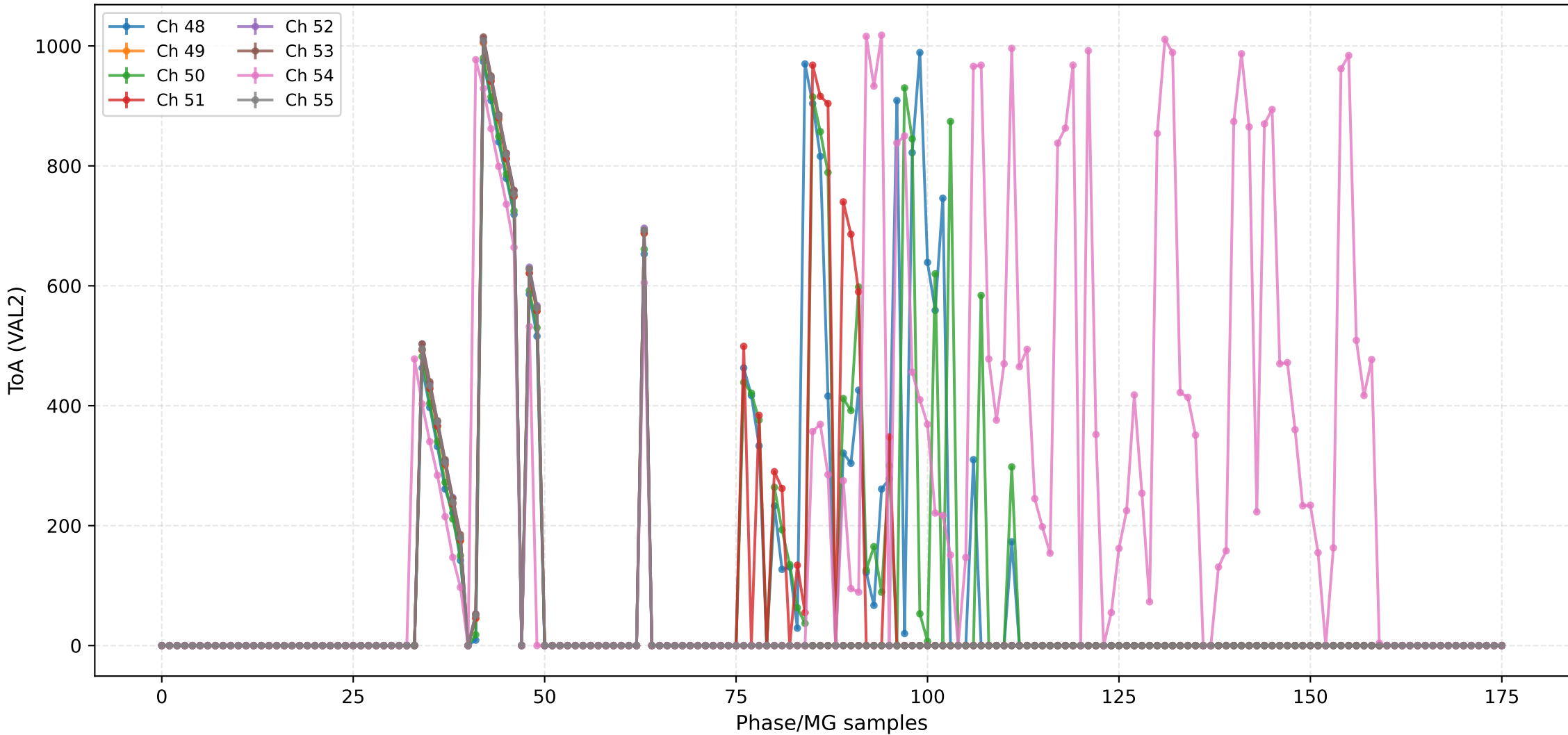
ToA (VAL2) - Channels 32 to 39



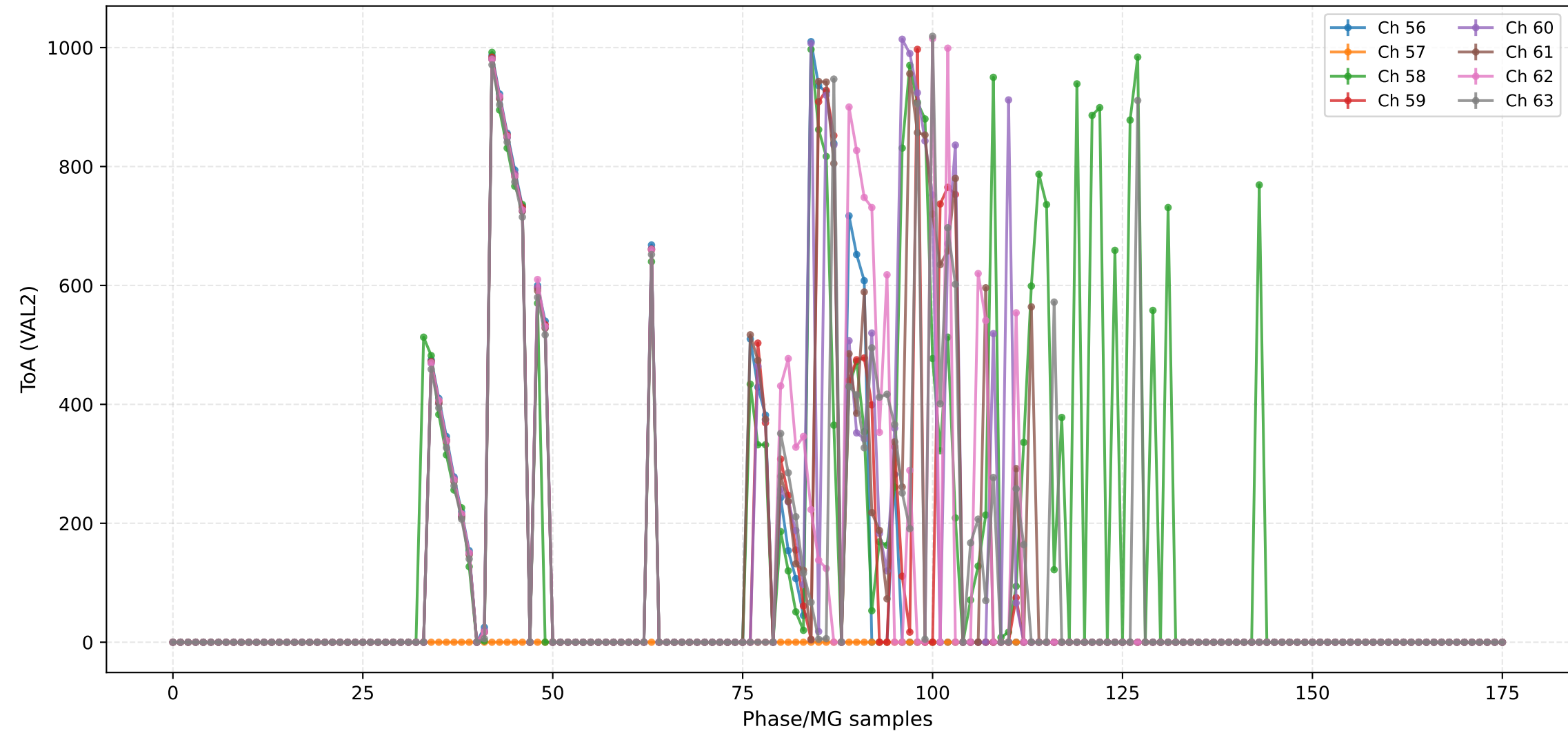
## ToA (VAL2) - Channels 40 to 47



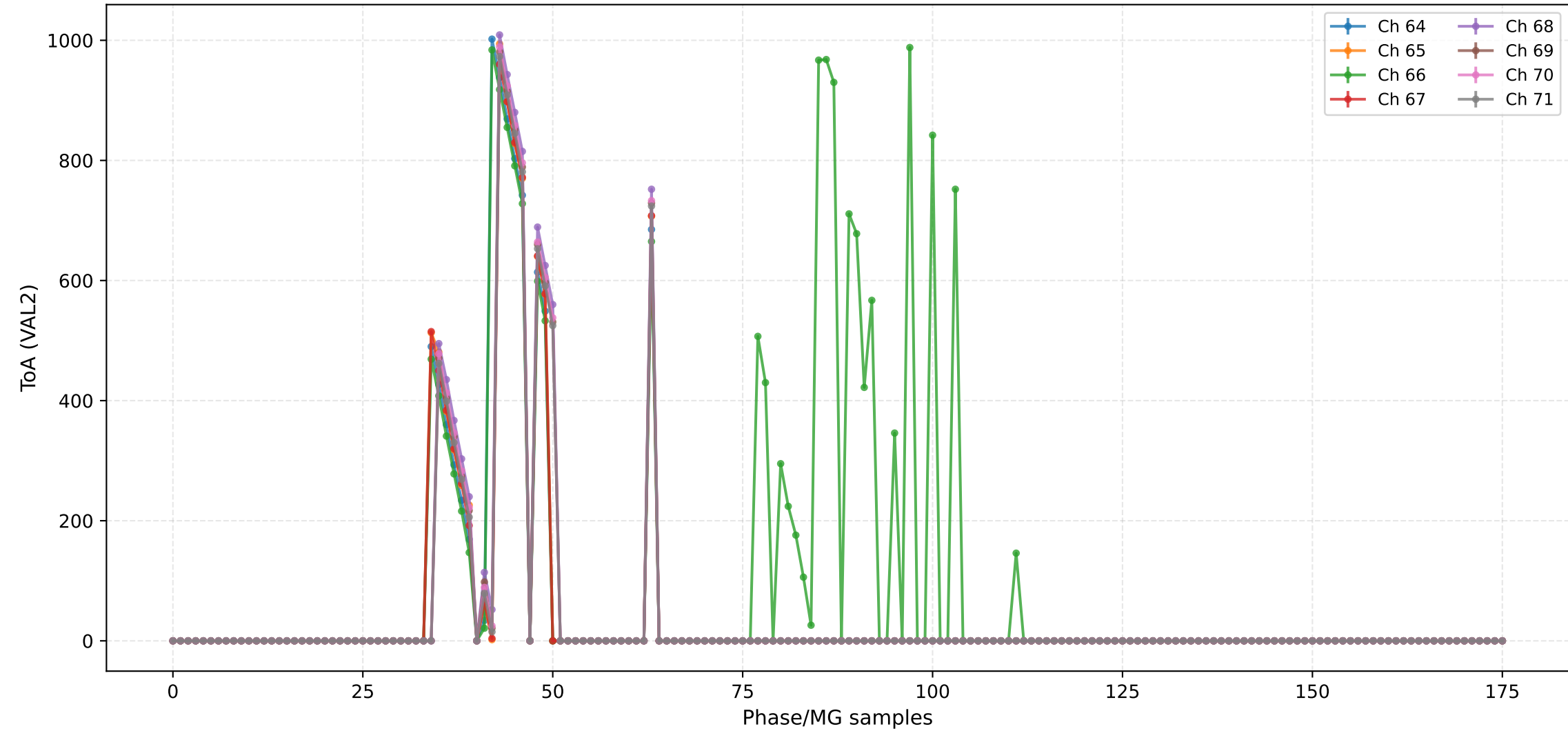
## ToA (VAL2) - Channels 48 to 55



ToA (VAL2) - Channels 56 to 63



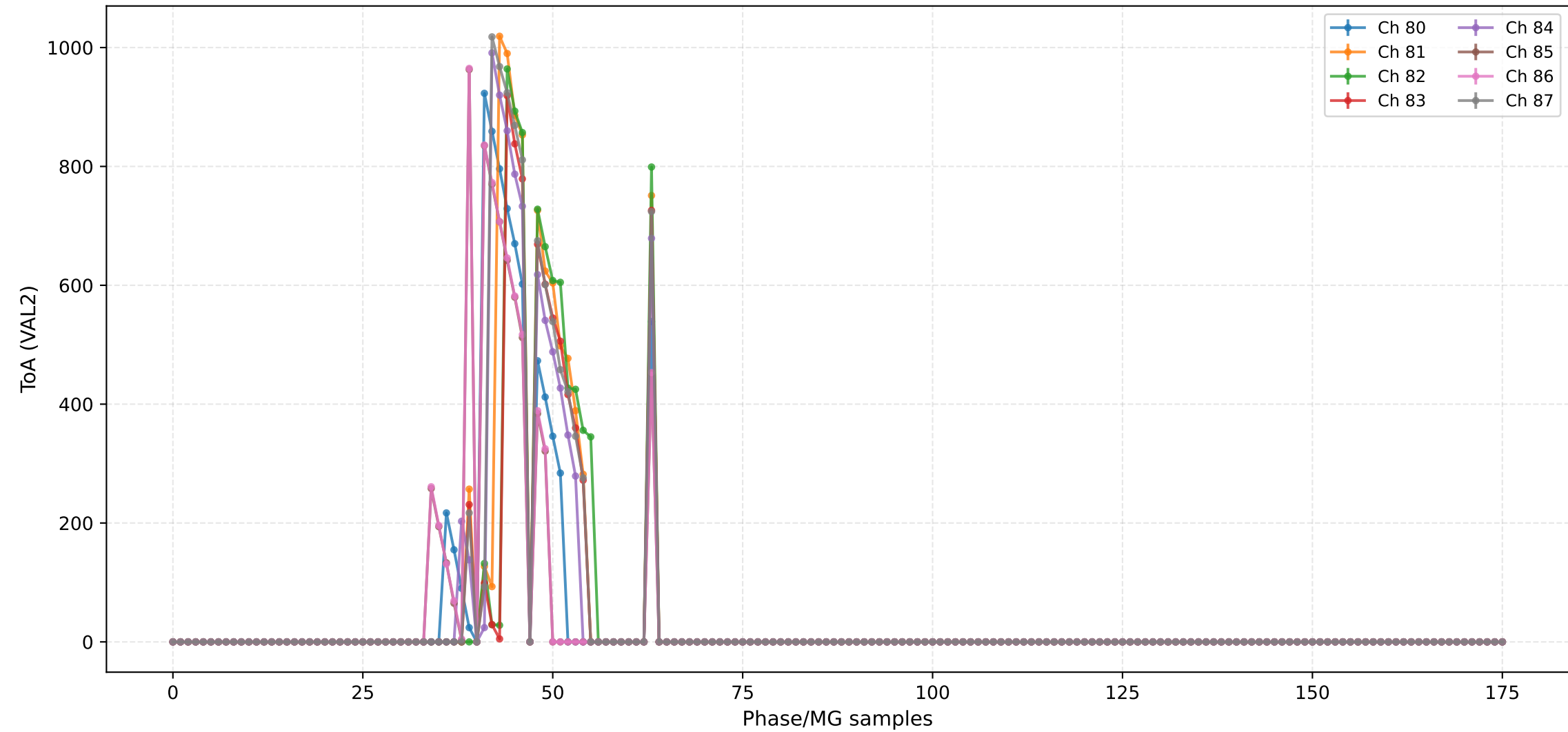
ToA (VAL2) - Channels 64 to 71



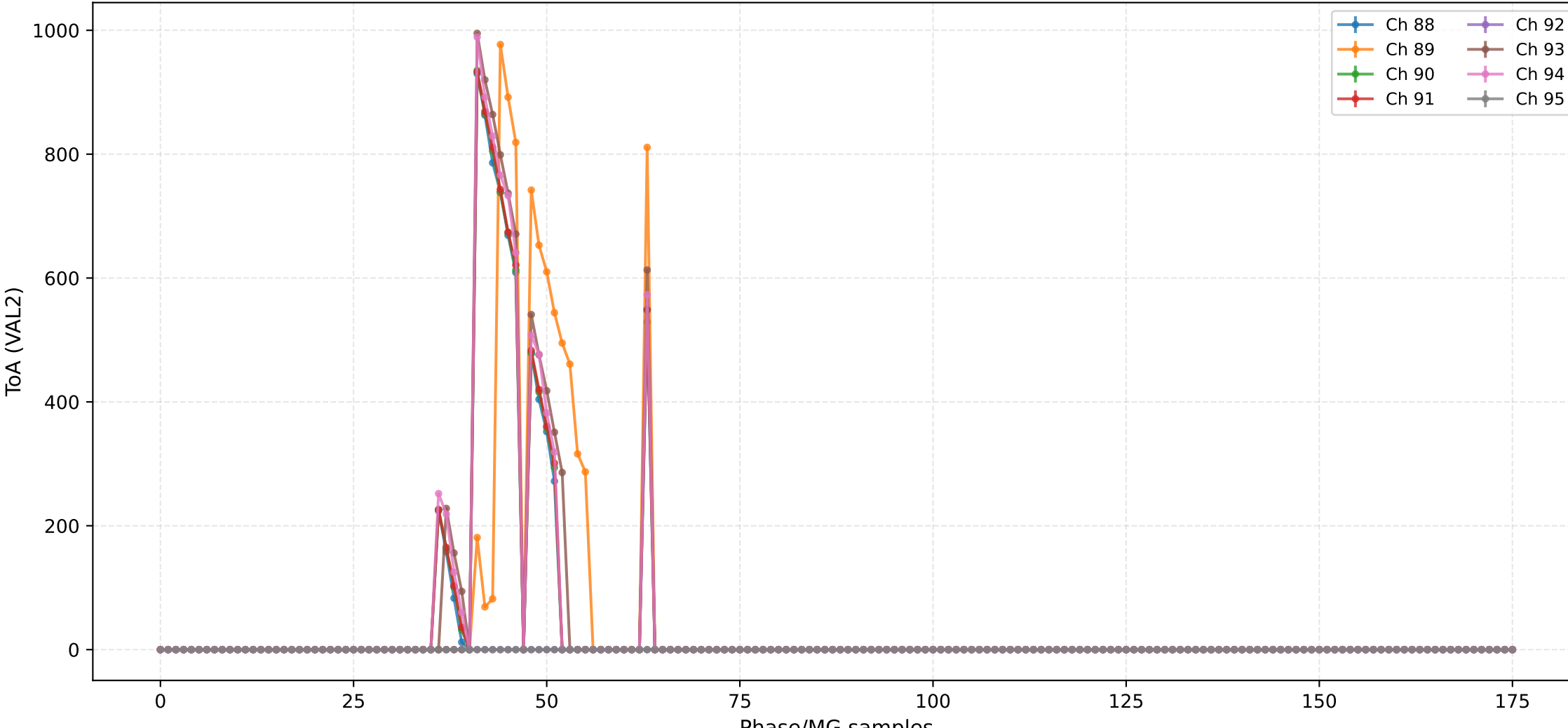




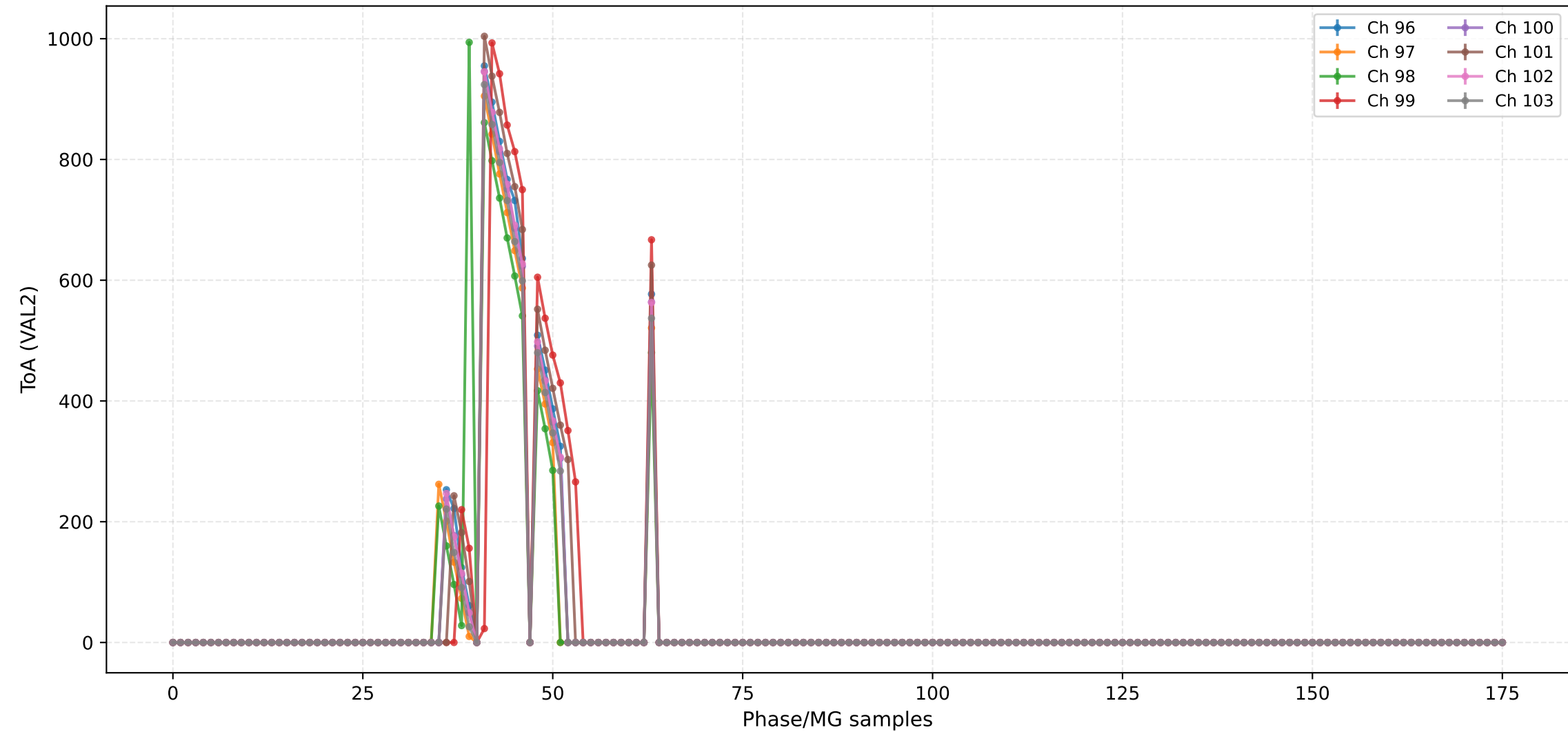
ToA (VAL2) - Channels 80 to 87



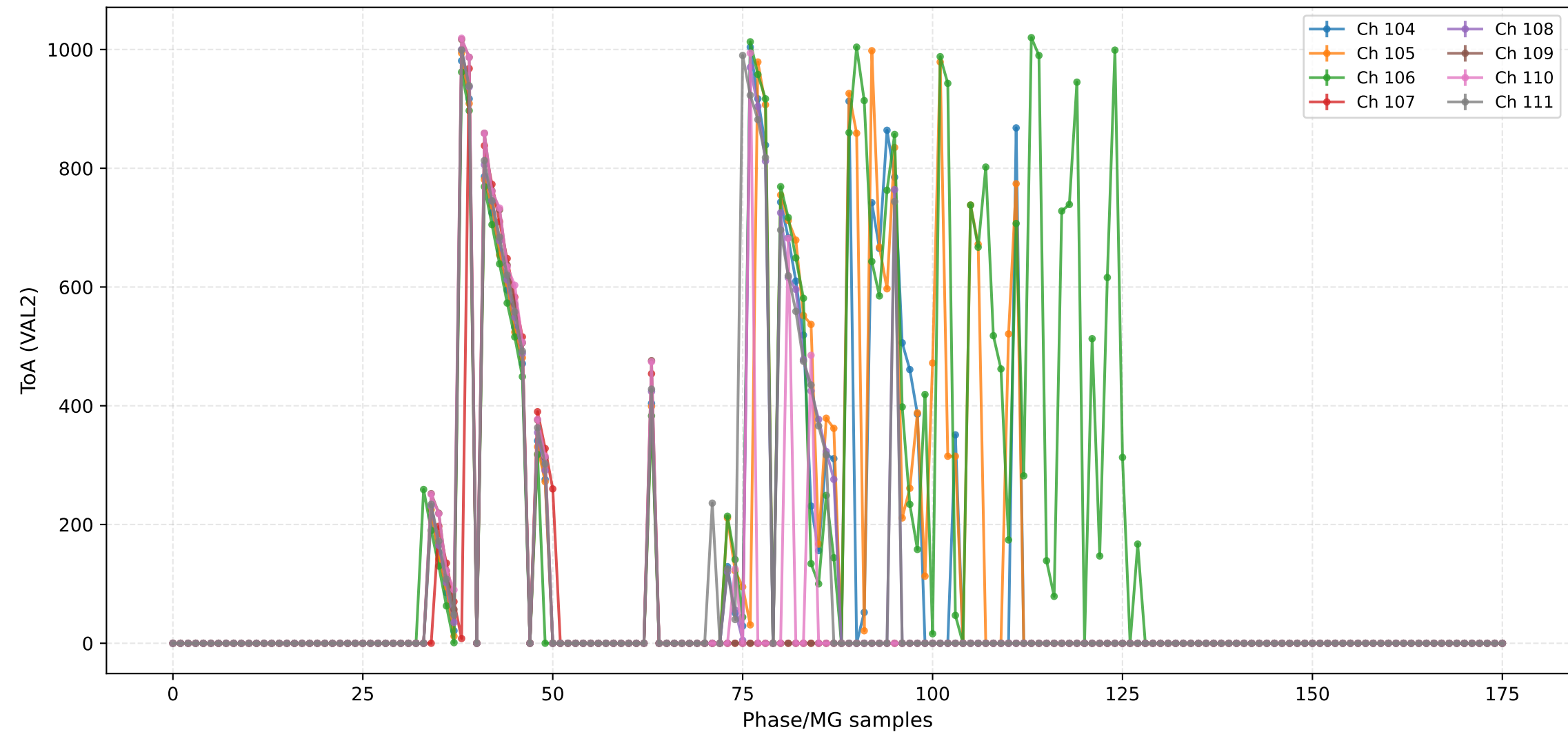
## ToA (VAL2) - Channels 88 to 95



## ToA (VAL2) - Channels 96 to 103



ToA (VAL2) - Channels 104 to 111





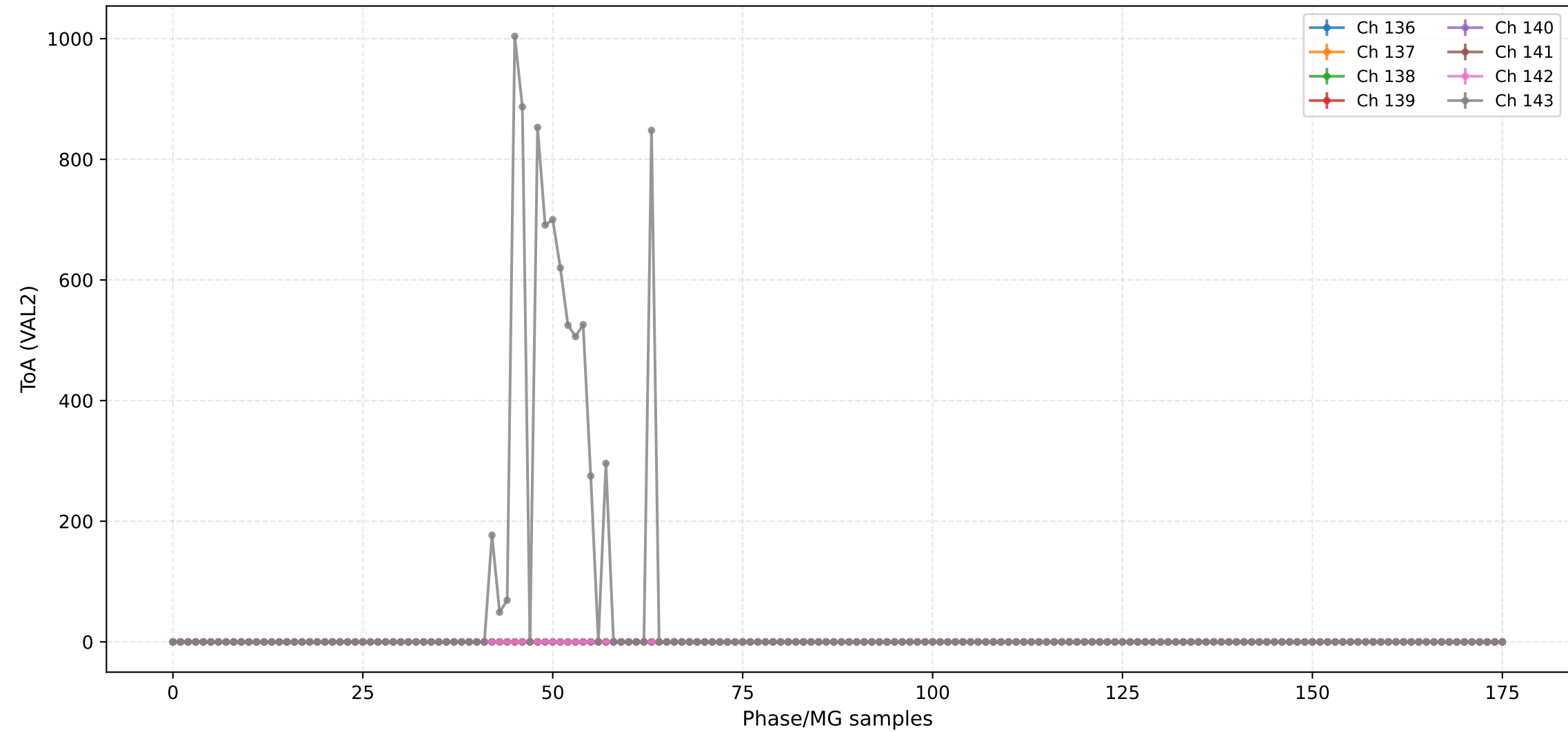
The graph displays the time evolution of the expectation value of the Pauli matrix  $\sigma_y$  for four different channels (Ch 120, Ch 121, Ch 122, Ch 123). The x-axis represents time in units of  $10^{-12}$  s, ranging from 0 to 150. The y-axis represents the expectation value, ranging from -0.5 to 0.5. All four channels show a constant value of approximately 0.05 throughout the entire time range.



## ToA (VAL2) - Channels 128 to 135



## ToA (VAL2) - Channels 136 to 143







## Injection Scan Results

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Script: 205\_Injection v1.0

Date: 2025-12-11 16:41:17

### Configuration:

- Total ASICs: 2
- Injection DAC: 200
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 76
- 2.5V Injection: True
- High Range Injection: False

### Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

### Output Files:

- 205\_Injection\_asic2\_injdac200\_mg10\_pack2\_chn76\_val0.csv
- 205\_Injection\_asic2\_injdac200\_mg10\_pack2\_chn76\_val1.csv
- 205\_Injection\_asic2\_injdac200\_mg10\_pack2\_chn76\_val2.csv